Lancaster Farming

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Holstein Assn. honors breeders, directors

BY SALLY BAIR
Staff Correspondent

CENTERVILLE — Presentation of production awards and election of three new directors highlighted the 31st annual meeting of the Lancaster County Holstein Breeders held Thursday at the Sherwood Knoll Restaurant.

Clyde W. Martin, East Earl, captured two of the ten awards, both for outstanding milk production. In the three-year-old class, Martin's Elva was high with 29,296 pounds of milk. His Aged cow Dusty won the award with 32,656 pounds of milk. All the awards were based on 305-day records on Registered Holstein cows.

In the Junior two-year-old category, Robert H. Kauffman, Elizabethtown, won with his cow Babs who produced 848 pounds of fat. Galen Crouse, Stevens, had the high milk producer, Emily, with 20,963 pounds.

Christian Zook, Gap, placed high in the senior two-year-old group with Windy's record 847 pounds in 275 days. John L. Landis, Colebrook Road, Lancaster, was the recipient of the high milk award with cow #284 who had a 26,414 record.

Paul H. Martin's Lois captured the three-year-old fat record with 1,012 pounds of fat. Martin is from Ephrata.

Kenneth D. Myer, Elizabethtown, won the fat award in the four-year-old class with Reda's 1,058 pound record. For milk in that class, Norman Hershey's Winnie was high with 28,318 pounds of fat. Hershey is from Gap.

Ken and Joanne Hershey, Kinzer, won the fat record in the aged cow class with Jean's 1,123 pound record.

Awards were presented by Robert L. Kauffman, Jr., Peach Bottom.

Gregory Landis, 166A Short Lane, Lancaster, was re-elected to the Board of Directors. Also elected to three year terms were Roger Mills, 1343 Gypsy Hill Road, Lancaster, and Harold Shellenberger, Mount Joy.

Officers elected in the reorganization include president, D. Lamar Witmer, Manheim; vice president, Gregory Landis; secretary, Joe Wivell, Columbia; and treasurer, Dale Peiffer, Kirkwood.

The local Club recognized Joe Rohrer, a student at Lampeter Strasburg High School for placing first in the county FFA dairy judging contest held at Lampeter Fair. Rohrer was given a $50 savings bond.

Membership in the Lancaster County organization was 696 in 1981, the largest total ever. Lamar

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Production awards were the highlight of the annual Holstein banquet held Thursday night at the Sherwood Knoll Restaurant, Lancaster. Winners are, from left, John L. Landis, Norman Hershey, Galen Crouse, Ken Myer, Robert H. Kauffman.

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James Young follows in his father's footsteps to milk the "underdog" breed - the Milking Shorthorn.. A18.

For a year of hard work and shows, the cream of the Lancaster County 4-H dairy club was recognized Monday night . B26.

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Countians seek to strengthen preservation act

BY DONNA TOMMELLEO

LANCASTER — Three members of the Lancaster County Conservation District reported encouragement on Wednesday evening concerning the progress of House Bill 1499, a state bill which calls for counties to be authorized to "preserve, acquire or hold land for open space uses."

These three men, District Chairman Aaron Stauffer, Vice Chairman Amos Funk, and County Commissioner James E. Huber, are part of an ad hoc committee which is meeting to discuss the bill as called for by the House Agriculture and Rural Affairs Committee.

HB 1499 would strengthen the already existing farmland preservation law, the Agricultural Area Security Act, Act 143 passed earlier this year.

According to Amos Funk, HB 1499 is necessary to make changes and alter county duties as they are outlined in other legislation.

The three Lancaster countians proposed to the ad hoc committee that certain phrases should be changed. They recommended more flexibility by stating: "The County may purchase the land at market price," rather than "The County shall purchase the land at market price."

Lancaster's ad hoc committee members also recommended that ag districts only call for hearings on purchases of designated land — land resulting after a preservation board recommends it to the county commissioners and they adopt the designation.

Under the proposed amendment, the County will have permission to offer money (approximately $250 per acre) as an incentive payment The payment, said Funk, will serve toward a deed restriction of 25 years. The current legislation provides for deed restrictions of 7 years.

Commissioner Huber pointed out under the present legislation there is no guarantee of contiguous agriculture areas, but such areas will exist under the proposed amendment.

The ad hoc committee also is comprised of Rep. Noah Wenger, HB 1499's main sponsor, along with Rep. Roger A. Madigan; Rep. Joseph R. Pitts; Rep. Samuel W. Morris; and Rep. John R. Showers.

Pennsylvanians vote 'yes' for water

BY SHEILA MILLER

HARRISBURG — Voters in Pennsylvania endorsed a state plan to fund a $300,000 program for loans to water companies in the Commonwealth by a favorable balloting at the polls on Tuesday.

According to Dave Kirkpatrick of the Vote Yes for Water committee, the question carried "handily". He stated that, with 99 percent of the results reported in, the vote was 1 million 'yes' votes to 560 thousand 'no' votes, just short of a 2:1 victory.

Now that Act 88 has received the blessings of the state's citizens, enabling legislation for the loan program must be drafted and introduced on Capital Hill before any monies for repair or reconstruction become a reality

The legislation also must assign the administrative responsibility to one of its agencies — probably the Department of Environmental Resources.

On October 1, Governor Dick Thornburgh accepted the Vote Yes for Water committee's recommendations that call for $220 million of the total $300 million be set aside for community water projects, with $40 million each available for dam and port facility projects

Kirkpatrick expressed optimism that the necessary legislation would pass through the House and Senate and be signed by the Governor soon after the New Year holiday Even with that relatively quick passage, he projected no monies would become available until the latter half of 1982 — until the necessary forms to apply for the loans are drawn up, and bond issues are floated to applying companies

The Vote Yes for Water committee spokesman said he attributes much of the success of Tuesday's vote to the organization's campaign efforts He blames the 'no' votes on misinformation or no information.

"The campaign made the difference," he concluded

Livestock market and auction news

Lancaster Market

Monday, November 2
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	854	115	1189	232
Last Monday	962	108	1431	167
Last Year	890	95	869	148
Monday's Auction	729	117	1140	232
Last Monday's Auction	590	119	1447	173

CATTLE: Compared to last Monday slaughter steers mostly 1.00 lower; slaughter heifers steady to 1.00 lower; cows 1.00-2.00 lower; bullocks steady; bulls fully steady, instances 1.00 higher on yield grade 1.

SLAUGHTER STEERS Few head high Choice and Prime 3-4 1150-1325 lb. 61.25-63.50; few head Choice 2 1100-1250 lb. 63.50-64.75, couple 68.50; Choice 2-4 1025-1325 lb. 61.50-62.85, couple 63.00-63 50; high Good and low Choice 2-3 950-1300 lb. 58.00-61.75; Good 2-3 55.00-58.50; Good and Choice 1175-1465 lb. Holsteins 54.50-56.50; few Standard 1-2 52.00-54.75.

SLAUGHTER HEIFERS: Choice 2-3 900-1175 lb. 58.50-60.50, couple yield grade 2 62.25; Good 2-3 850-1025 lb. 54.00-57.50.

COWS: Utility and Commercial 1-3 37.00-39.00, few head 39.00-40.00; Cutter 1-2 36.00-38.50; Canner and low Cutter 34.00-37.00.

BULLOCKS: Choice 1050-1325 lb. 61.50-63 25, couple 63 25-65 75; Good 1000-1350 lb. 51.50-58.75.

BULLS: Yield grade 1 1275-2000 lb. 51.60-55.75, several 56.50-59.85; yield grade 2 1000-1450 lb 48.50-53.00, few 900-1025 lb. 44.50-48.25.

VEAL CALVES: Vealers mostly steady Demand fair for Holstein bulls to return to farm.

VEALERS: 15 head lot Prime special fed 290 lb. bought to arrive at 130.00; Choice 140-280 lb. 95.00-106.00, couple 106.00-110 00; high Good and low Choice 130-250 lb 65.00-90.00, 80-120 lb. 45.00-55.00 few 55.00-62.00, 65-80 lb. 40.00-45.00.

RETURNED TO FARM: Bulk 85-115 lb. Holstein bulls 80.00-90.00.

SHEEP: Wooled lambs mostly steady, instances 3.00 lower on Choice; slaughter ewes scarce.

WOOLED LAMBS: Few head Choice 90-105 lb. 61.00-63.00; bulk Choice 80-105 lb. 52.00-54 00; Good 60-95 lb 45.00-50.00.

Vintage Livestock

Tuesday, November 3
Report supplied by USDA

	Cattle	Calves	Sheep
Today	822	848	34
Last Tuesday	1023	915	37
Last Year	600	745	21

CATTLE: Compared to last Tuesday slaughter steers weak to 50 lower, instances 75 lower, slaughter heifers weak to 1.00 lower; cows 50-1.00 lower, instances 2.00 lower; bulls 1.00-2.00 higher on small supply. Supply included 58% slaughter steers, 36% cows, 3% bulls and 3% slaughter heifers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1425 lb. 63.35-65.25; Good and Choice 1-2 64.50-66.50, ten head 66.75-69.00; Choice 2-4 1025-1350 lb. 61.50-63.75, few 63 75-64.25; high Good and low Choice 2-3 60.00-62.75; Good 2-3 58.00-61.00; Good and Choice 1125-1460 lb. Holsteins 54.00-57.00; Standard 1-2 51 00-52.25.

SLAUGHTER HEIFERS: Few head Choice 2-3 850-1025 lb. 58 00-58.75; couple Good 2-3 825-975 lb 54.00-57.50

COWS: Utility and Commercial 1-3 39.00-40.50, few 40.50-41.25; Commercial 3-4 37.00-39 00; Cutter 1-2 36.50-38.75, few 39.00-39.50; Canner and low Cutter 32.75-36.25.

BULLS: Yield grade 1 1450-2040 lb. 52.75-54.50, individual 1550 lb 60.75; yield grade 2 1100-1675 lb 48.60-51.00.

VEAL CALVES: Vealers weak to 5.00 lower. Supply included 608 in graded sale of which 70% sold to return to farm.

VEALERS: Choice 210-300 lb 78.00-88.00, couple 140-160 lb. 94.00-95.00; high Good and low Choice 140-260 lb. 60.00-80.00, 80-120 lb. 50.00-55 00, 70-80 lb. 40.00-45.00; several Standard 55-95 lb. 30.00-45.00.

RETURNED TO FARM: 55 head 90-115 lb. Holstein heifers 127.00-135.00; 25 head 80-85 lb. 90.00; 20 head small frame 80-110 lb. 68.00-100.00. 190 head 100-120 lb. Holstein bulls 89.00-97.00; 70 head 90-95 lb. 61.00; 25 head small frame 110-125 lb. 74.00-76.00 and 45 head small frame 100-105 lb. 60.00-61.00.

SHEEP: Wooled lambs 3.00-8.00 lower.

WOOLED LAMBS: Few Choice 75-100 lb. 42.00-44.00; Good 50-100 lb. 35.00-41.00.

Lancaster Auction

Wednesday, November 4
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	599	40	1252	5
Last Wednesday	769	20	1163	21
Last Year	825	108	1290	19
Wednesday's Auction	252	40	1264	5
Last Wednesday's Auction	259	22	1199	41

CATTLE: Compared to Monday small supply slaughter steers mostly steady; slaughter heifers not tested; cows steady; bullocks not tested; bulls weak to mostly 1.00 lower with yield grade 2 fully 1.00 lower. Supply included 68 percent slaughter steer, 14 per cent cows, 12 per cent bulls and 6 per cent slaughter heifers.

SLAUGHTER STEERS: Few head Prime 3-4 1150-1325 lbs. 63.00-63.75; Choice 2-3 few 4 1050-1325 lb. 61.00-62.75; high Good and low Choice 2-3 950-1225 lb. 58.50-61.50; Good 2-3 55.00-58.00; Good and Choice 1200-1475 lb. Holsteins 54.00-56.25; few Standard 1-2 50.00-54.50.

SLAUGHTER HEIFERS: Few head Choice 2-3 900-1025 lb. 59.00-61.50.

COWS: Utility and Commercial 1-3 38.75-75-40.25; couple Commercial 3-4 37.00-37.75; Cutter 1-2 36.25-39.50; Canner and low Cutter 33.00-36.25.

BULLS: Yield grade 1 1450-2000 lb. 51.00-53.50; yield grade 2 950-1300 lb. 45.75-51.00.

VEAL CALVES: Insufficient volume for a market test, small supply mainly high Good and low Choice 75-105 lb. selling at 45.00-55.00.

SHEEP: No market test.

New Holland Livestock

Thursday, November 5

	Cattle	Calves	Sheep	Goats
Today	728	606	46	16
Last Thursday	851	574	51	
Last Year	822	514	35	20

CATTLE: Compared to last Thursday slaughter steers mostly steady; slaughter heifers scarce, few sales 1.00-1.50 lower; cows 50 to mostly 1.00 higher, instances 2.00 higher; Bullocks not well tested; Bulls 1.00-2.00 lower. Supply included 40 per cent slaughter steers, 4 per cent slaughter heifers, 41 per cent cows, 8 per cent bulls with the balance feeder steers.

SLAUGHTER STEERS: Few High Choice and Prime 3-4 1125-1275 lbs. 65.00-65.75; Good and Choice 1-2 1025-1275 lbs. 65.00-66.00, couple 66.50-67.50; Choice 2-4 1025-1325 lbs. 61.50-64.00, few 64.00-64.75; High Good and Low Choice 2-3 59.50-61.75; Good 2-3 56.50-60.00; few Good and Choice 1150-1400 lbs. holsteins 55.00-56.75; few Standard 1-2 52.00-54.25.

SLAUGHTER HEIFERS: Good to low Choice 2-3 850-1025 lbs. 53.50-55.50, individual Choice 2 1025 lbs. 59.75.

COWS: Utility and Commercial 1-3 39.25-41.75, few 42.00-44.00; Commercial 3-4 36.50-40.00; Cutter 1-2 38.00-41.00, few 41.00-42.25; Canner and Low Cutter 34.75-38.50.

BULLOCKS: Good 1000-1350 lbs. 52.25-55.25, few Choice 1050-1350 lbs. 59.25-64.50.

BULLS: Yield Grade 1 1300-1800 lbs. 49.50-53.25, few 55.00-57.75. Yield Grade 2 950-1350 lbs. 43.50-49.25.

VEAL CALVES: Vealers mostly steady, instances 3.00 lower on high Good and low Choice 60-115 lbs. demand good for calves to return to farm.

VEALERS: Few Prime Special Fed 270-330 lbs. 112.00-118.00; Choice 140-290 lbs. 88.00-100.00, few 100.00-105.00; High Good and Low Choice 140-300 lbs. 65.00-85.00, 115-140 lbs. 60.00-72.00, 80-115 lbs. 45.00-56.00, few 56.00-63.00, several 60-80 lbs. 35.00-48.00.

SLAUGHTER CALVES: Good and Choice 320-530 lbs. 43.00-55.00, few Choice 285-350 lbs. 55.00-62.00.

RETURNED TO FARM: Bulk 90-120 lbs. holstein heifers 88.00-115.00, few 115.00-129.00; bulk 90-120 lbs. holstein bulls 82.00-99.00, several 70-100 lbs. 60.00-80.00.

SHEEP: Wooled lambs 5.00-8.00 lower; slaughter ewes weak to 3.00 lower.

WOOLED LAMBS: Few Choice 90-110 lbs. 46.00-48.00; Good 60-90 lbs. 31.00-41.00.

SLAUGHTER EWES: Utility and Good 17.00-27.00, few 27.00-31.00.

GOATS: All goats sold by the head mainly 21.00-38.00, couple 40.00-47.00.

Lancaster Weekly

Friday, November 6

	Cattle	Calves
This Week	4000	1610
Last Week	4555	1622
Last Year	4081	1462

CATTLE: Slaughter steers 1.00 lower during the week although small supply on Thursday sold mostly steady; slaughter heifers weak to 1.00 lower; cows 1.00-2.00 lower during the week although this decline erased on Thursday with closing sales fully 1.00 higher; bullocks scarce, weak to 1.00 lower; bulls 1.00-2.00 lower. Supply included 32 per cent slaughter steers, 18 per cent cows, 6 per cent bulls, 5 per cent heifers with the balance feeder steers held for Thursday and Friday's auction.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1350 lbs. 63.35-65.75; Good and Choice 1-2 1050-1325 lbs. 64.50-66.50, 15 head 66.75-69.00; Choice 2-4 1000-1350 lbs. 61.50-64.00, few 64.00-64.75; high Good and low Choice 2-3 950-1300 lbs. 58.00-61.75, Good 2-3 55.00-60.59; Good and Choice 1125-1460 lb. holsteins 54.00-57.00, few Standard 1-2 51.00-54.75.

SLAUGHTER HEIFERS: Choice 2-3 900-1175 lbs. 58.00-61.50, couple Yield Grade 2 62.25; Good 2-3 825-1025 lbs. 53.50-57.50.

COWS. Utility and Commercial 1-3 closed the week at 39.25-41.75, few 42.00-44.00, Cutter 1-2 38.00-41.00, few 41.00-42.25, Canner and low Cutter 34.00-38.50.

BULLOCKS: Choice 1050-1325 lbs. 59.25-63.25, few 63.25-65.75; Good 1000-1350 lbs. 51.50-58.75.

(Turn to Page A13)

VINTAGE SALES STABLES, INC.
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SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.
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Hog Markets

Lancaster Hogs

Lancaster Stockyards
Report supplied by USDA
Monday, Nov. 2

HOGS: Barrows and gilts steady to 50 lower.

BARROWS AND GILTS: US 1-2 205-245 lbs. 45.85-46.85; US 1 210-240 lbs. 47.00-48.50, few 48.50-49.50; US 1-2 190-205 lbs. 44.50-45.25; US 1-3 205-265 lbs. 44.50-45.50..

Tuesday, Nov. 3
Report supplied by USDA

Today	424
Last Tuesday	369

TREND: Compared to Monday barrows and gilts steady to weak, instances 25 lower.

BARROWS AND GILTS: US 1-2 200-250 lbs. 45.50-46.00, Few 46.25-46.85. US 1 205-250 lbs. 47.00-48.00, Few 48.25; US 1-3 210-250 lbs. 44.75-45.50; US 2-3 One Lot 255 lbs. 44.00, One lot 275 lbs. 41.25.

Wednesday, Nov. 4
Report supplied by USDA

HOGS: Barrows and gilts 50-1.00 higher, instances 1.25 higher on US 1-3.

BARROWS AND GILTS: US 1-2 200-250 lbs. 46.35-47.00, Few 47.00-47.50; US 1 205-245 lbs. 47.00-48.00, Few 48.50-49.00; US 1-3 210-260 lbs. 46.25-46.75, Few Early 45.50-46.25; One Lot US 2-3 272 lbs. 42.25.

Lancaster Hogs

Lancaster Stockyards
Saturday, Oct. 31
Report supplied by auction

1390 head.

U.S. #1 210-235 lbs. 47.50-49.00, few 49.50-50.25; U.S. 1 & 2 210-245 lbs. 46.00-46.50; U.S. 2 & 3 200-255 lbs. 45.50-46.00; Sows 350 lbs. and up 39.00-42.50; Boars 250 lbs. and up 37.00-39.50.

Lancaster Feeder Pigs

Tuesday, November 3
Report supplied by USDA

Today	1094
Last Tuesday	1072
Last Year	1345

TREND: Compared to last Tuesday feeder pigs 8.00-10.00 lower, with some sales US 2-3 20.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 97 head 26-39 lbs. 86.00-99.00; 211 Reputation 43-46 lbs. 90.00-96.00; 23 head 41-49 lbs. 82.00-84.00; 148 head 50-59 lbs. 69.00-83.00; 36 head 60-69 lbs. 55.00-72.00; 41 head 70-87 lbs. 54.00-60.00; 10 head 94 lbs. 46.00.

US 2: 26 head 37-38 lbs. 76.00-79.00; 27 head 49 lbs. 72.00; 31 head 50-59 lbs. 59.00-62.00; 12 head 67 lbs. 46.00.

US 2-3: 9 head 36 lbs. 66.00-79.00; 64 head 40-45 lbs. 55.00-65.00; 64 head 50-59 lbs. 45.00-55.00; 41 head 53-54 lbs. 62.50-66.00; 43 head 60-69 lbs. 52.50-58.00; 24 head 70-95 lbs. 44.00-53.00.

SLAUGHTER: 73 head 13-27 lbs. 98.00-116.00.

Indianapolis Hogs

Thursday, November 5

HOGS: 1000. Barrows & gilts active, mostly 25 higher. US 1-2 215-250 lbs. 44.25-44.50.

SOWS: Moderately active, steady to weak in limited test. (8%). US 1-3 420-490 lbs. 41.00-42.75.

BOARS: Few over 400 lbs. 37.00.

New Holland Hogs

Monday, November 2
Report supplied by USDA

Today	1491
Last Monday	1565
Last Year	1408

TREND: Compared to last Monday barrows and gilts 50 lower, instances 1.00 lower.

BARROWS AND GILTS. US 1-2 200-255 lbs. 45.35-45.75, Few 45.85-46.10; US 1 205-250 lbs. 47.00-47.75, Few 48.00-49.00; US 1-3 235-265 lbs. 44.50-45.25; US 2-3 230-270 lbs. 43.75-44.50.

St. Louis Hogs

Thursday, November 5
Report supplied by USDA

HOGS: 6500. Barrows & gilts moderate early, later rather slow; steady to 50 lower, decline mainly on weights over 230 lb. US 1-2 200-240 lbs. 43.50-44.00; US 1-3 230-260 lbs. 43.00-43.50; US 2-3 250-270 lbs. 42.00-43.00.

SOWS: 1.00-2.50 lower. (About 7%). US 1-3 300-500 lbs. 38.00; Over 500 lbs. 38.50-41.00.

BOARS: Over 250 lbs. 37.50; 200-250 lbs. 38.00.

Peoria Hogs

Thursday, November 5
Report supplied by USDA

HOGS: 4700. (Currently 200 over estimated 4500). Barrows & gilts moderate, steady. US 1-2 200-240 lbs. 43.50-44.00, bulk 43.50-43.75; US 1-3 200-240 lbs. 43.00-43.50; 240-270 lbs. 42.00-43.00; US 2-3 270-300 lbs. 40.50-42.00.

SOWS: Under 500 lbs. 2.00-3.00 lower than early Wednesday or 50-1.00 lower than late sales; over 500 lbs. 1.50-2.00 lower than bulk of Wednesday's sales. US 1-3 350-450 lbs. 37.50-38.00 (11%); 450-500 lbs. 38.00-39.00; 500-650 lbs. 39.00-40.00.

BOARS: Over 350 lbs. 37.00-37.50; under 350 lbs. 38.00-39.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, Nov 5
Report supplied by USDA Estimated Daily Livestock Slaughter
Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
This Week	504,000	41,000	1,363,000	96,000
Last Week	512,000	39,000	1,390,000	94,000
Last Year	496,000	37,000	1,488,000	88,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday Nov. 5)

	Corn	Wheat	Soybeans	Soybean Meal
Nov.	–	–	6.56¾	–
Dec.	2.86¼	4.38		190.90
Jan.	–	–	6.74¼	194.80
Mar.	3.04½	4.64¼		200.40
May	3.16½	4.73½	6.94	

Trend - Corn is lower, Wheat is lower, Soybeans are higher, Soybean Meal is lower.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

New Holland Feeder Pigs

Wednesday, November 4
Report supplied by USDA
Feeder Pigs

Today	900
Last Wednesday	971
Last Year	1160

TREND: Compared to last Wednesday feeder pigs weak to 5.00 lower, instances 10.00 lower on weights over 50 lb. Supply included about 210 head sold for slaughter. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 69 head 25-32 lbs. 95.00-101.00; 187 head 39-44 lbs. 81.00-85.00; 140 head 48-55 lbs 67.00-71.00; 133 head 60-69 lbs. 57.00-66.00; 30 head 71-78 lbs. 53.00-58.00; 43 head 82-103 lbs. 51.00.

US 2-3: 13 head 30 lbs. 98.00; 12 head 43 lbs. 75.00; 45 head 50-55 lbs. 57.00-63.00; 9 head 68-70 lbs. 53.00-56.00.

SLAUGHTER: 46 head 22-27 lbs. 95.00-98.00; 74 head 36-39 lbs. 81.00-90.00; 8 head 41 lbs. 73 00; 23 head 55-89 lbs. 56.00-57.00.

Futures Trading

(Closing Bids as of Thursday, Nov 5)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Nov.			6.65
Dec.	64.25	47.40	
Feb.	64.82	49.15	
Apr.	64.90	47.42	

Trend - Cattle are higher, Hogs are lower. Potatoes are steady.

Market Provided
by Commodity Department
Dean Witter Reynolds, Inc.

Chambersburg Auction

Thursday, November 5
Report supplied by PDA

CATTLE: 313. Compared with last Thursday's market: Sl. cows .75-2.00 higher. Sl. steers: few Choice No. 2-4 1030-1190 lbs. 59.00-62.35, Good 58.00-60.75; few Standard 52.50-57.10. Sl. heifers: few Choice 54.25-55.50; few Good 50.75-53.00. Sl. cows: Utility & Commercial 37.75-42.00, few to 45.60; Cutters 35.75-39.25; Canner & L. Cutter 30.75-35.50; Shells down to 27.00. Sl. bullocks: Couple Good 52.00 & 52.50. Sl. bulls: Yield Grade No. 1, 1100-1900 lbs. 43.25-50.00, with one at 51.85.

FEEDER CATTLE: Steers & Bulls, Medium Frame No. 1, 300-700 lbs. 47.00-55.50.

CALVES: 608. Vealers grading Good & Choice steady, Standard & low Good 3.00 lower. Choice 81.00-90.00, couple to 98.00; Good 63.00-78.00; Standard & Good 100-115 lbs. 57.00-60.00; 70-95 lbs. 48.00-57 00. Utility 50-85 lbs. 39.00-51.00.

FARM CALVES: Hol. Bulls 85-125 lbs. 57.00-75.00, with early sales 75.00-95.00, couple to 100.00; Hol. Heifers 90-160 lbs. 85.00-110.00.

HOGS. 96. Barrows and gilts 2.00 lower. Few lots No. 1-3 195-235 lbs. 43.10-44.35; one lot No. 2-3 306 lbs. at 46.00; one lot No. 1-3 170 lbs. at 36.00; Sows US No. 1-3 300-550 lbs. 39.00-42.00. Few Boars 34.50-34.75.

FEEDER PIGS 40. Few lots No. 1-3 25-30 lbs. 22.00-23.00 per head, one lot 60 lbs. at 30.00.

SHEEP: 20. Few Choice 70-95 lbs. 42.00-46.00; Few Sl. ewes: 17.00-24.50.

GOATS: 16. 22.00-45.00 per head.

Graded Feeder Cattle Sale

Dublin, Va.
Wednesday, Oct. 28
Report supplied by VDA

1,225 head sold.

STEERS: 300-400# 56.75-67.00; 57.00-64.00; 60.00-63.00. 400-500# 57.50-66.75; 55.75-62.50; 61.00-61.75. 500-600# 57.75-64.25; 54.50-58.00; 55.25-59.50; 600-700# 56.75-63.75; 52.00-57.25; 57.25-57.50. 700-800# 58.50-59.00.

HEIFERS: 300-400# 48.50-52.25; 45.50-48.00; 45.00-47.00. 400-500# 47.00-52.75; 46.50-48.25; 46.75-48.00. 500-600# 50.00-52.50; 44.50-47.50; 43.00-47.50. 600-700# 49 25-51 00; 46.75-47.00.

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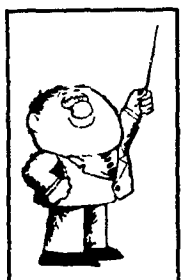

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Poultry Markets

Weekly New York Egg Market

From Friday, Oct. 30 to Nov. 6

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	82	82	83	83	85
Ex Large	78	78	79	80	82
Large	77	77	78	79	81
Mediums	74	74	76	77	78
Pullets	59	59	61	62	62
BROWN					
Jumbo	97	97	97	97	99
Ex Large	88	88	89	89	91
Large	86	86	87	87	89
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	70	70	71	72	74
Checks	46	46	46	46	46

Tone: Buying interest improved. Supplies ample. Market steadier.
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N. E. Weekly Shell Egg Report

Tuesday, Nov. 3
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	92-99	90-97	85-92	61-66
Mostly	94-97	92-95	87-90	63-64
N. HAMP.	87-93	85-91	80-86	56-62
Mostly	91-92	89-90	84-85	58-61
R.I.	96-97	94-95	89-90	63-64
VERMONT	94-102	92-99	87-94	–
Mostly	96-97	94-95	89-90	–
MAINE	92-94	90-92	85-87	61-63

X Includes Central and Western Sections only.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	Nov. 3 Tuesday	Nov. 5 Thursday
Class 1 - Large	48 lbs.	63.5	67
Class 2 - Large	45 lbs.	60	64
Class 3 - Medium	42 lbs.	57	62
Class 4 - Small	39 lbs.	49	49
Breaking Stock	48 lbs.	55	55
Checks	48 lbs.	50	50

Delmarva Poultry

Thursday, Nov. 5
Report supplied by USDA

Today's L.T.L. asking prices steady at 42-46½ cents on U.S. Grade A.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 11/5 1,813; Actual 10/29 1787; Actual 11/3 1674; Average Weights 11/3 4.31; 10/11 4.37.

Philadelphia Eggs

Thursday, Nov. 5
Report supplied by USDA

Prices unchanged. Cartoning demand fair. Offerings fully adequate on all sizes. Undertone steady.

Prices to Retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door.

A Extra Large 76½-81; A Large 75-80; A Medium 70-77.

Eastern Pa. & N.J. Poultry

Wednesday, Nov. 4
Report supplied by USDA

Prices Paid at Farm:
Light Type Hens: 9-10, mostly 10.
F.O.B. Plant: 11-12, mostly 12.
Heavy Type Hens: TFEWR.

Baltimore Eggs

Wednesday, Nov. 4
Report supplied by USDA

Cartoned Eggs: Prices to retailers, state graded (min one case sale) white.

Grade A Large	77-83
Grade A Medium	74-81

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, Nov. 3
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .70-.82 per lb.
MUSCOVY DUCKS, HENS: range .52-.64 per lb.
PEKING DUCKS: range .54-.66 per lb.
PULLETS: 6-8 lbs. range .48-.52 per lb.
RED FOWL: 4-5 lbs. range .12-.24 per lb.
RED FOWL: 5-6 lbs. range .20-.28 per lb.
CROSSBRED FOWL: 5-9 lbs. range .22-.34 per lb.
CROSSBRED ROOSTERS: 4-6 lbs. range .40-.64 per lb.
CROSSBRED ROOSTERS: 7-11 lbs. range .30-.52 per lb.
GUINEA FOWL: range 1.20-1.35 ea.
BANTY ROOSTERS: range 1.50-3.00 ea.
BANTY HENS: range .25-.85 ea.
GEESE: 8-14 lbs. range .32-.68 per lb.
TURKEYS: 15-26 lbs. range .32-.50 per lb.
PIGEONS: range .75-1.10 ea.
WHITE PIGEON: range 1.50-2.00 ea.
RABBITS: 4-6 lbs. range .20-.52 per lb.
RABBITS: 7-10 lbs. range .17-.42 per lb.
GUINNEA PIGS: range 1.00-2.75 ea.
GOATS: range 21.00-57.50 ea.
TOTAL AMOUNT COUPS: 705.

Special Feeder Calf Sale

Staunton, Va.
Friday, Oct. 30
Report supplied by VDA

1,581 head sold.

STEERS: 300-400# Med. 1 62.00-68.00; Small 1 53.00-63.25; Med. & Large 2 50.50-62.00. 400-500# Med. 1 58.25-60.50; Large 1 60.00-62.00; Small 1 54.25-58.50; Med. & Large 2 50.50-53.50. 500-600# Med. 1 60.50-62.00; Large 1 58.00-65.50; Small 1 52.00-59.50; Med. & Large 2 51.50-53.00. 600-700# Med. 1 56.25-61.75; Large 1 55.00-64.25; Small 1 45.50-49.75. 700-800# Med. 1 58.50.

HEIFERS: 300-400# Med. 1 45.00-47.00; Large 1 45.00-51.25; Small 1 40.00-46.50; Med. & Large 2 38.00-42.00. 400-500# Med. 1 50.25-57.25; Large 1 49.25-52.25; Small 1 40.00-53.00; Med. & Large 2 40.50-41.00. 500-600# Med. 1 48.50-52.00; Large 1 47.75-51.50; Small 1 47.25-49.00; Med. & Large 2 38.00-40.00. 600-700# Med. 1 46.25-48.75; Large 1 47.50-47.75.

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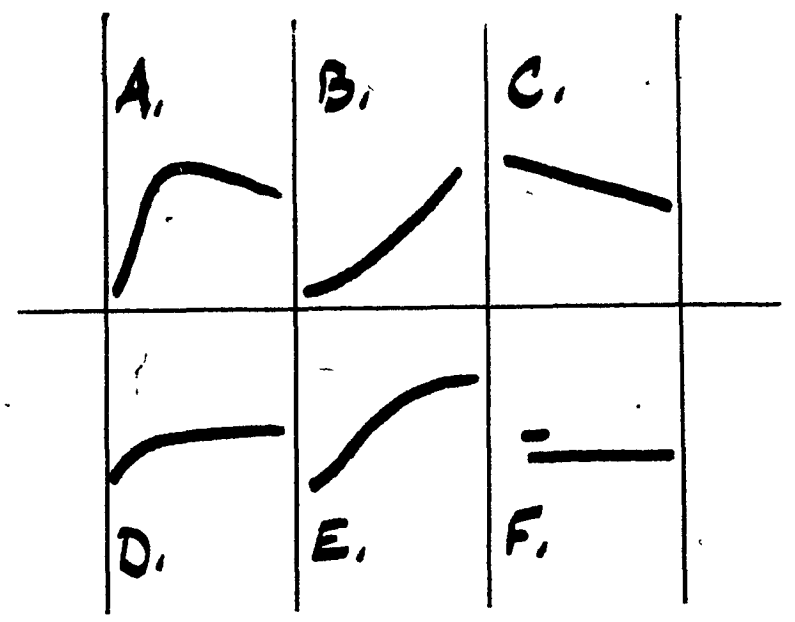
Melvin M. Lehman (Owner)

Question:
Which of the following six lines is most important to today's surviving poultryman?



If you answered F. (the "Bottom Line") you are correct. The other lines (identified below) all play a part, of course, in making up the bottom line. But don't catch yourself bragging to your neighbors about peak production or egg size or feed consumption if your bird isn't the best "bottom line" performer. The DEKALB DK layer, we believe rates with the best on "bottom line" potential. We'd be glad to share with you some of the facts that make true this statement.

(Identification of other lines above A Hen-housed production, B Hen-day production, C Livability D Feed consumption, E % Large eggs)

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Livestock market and auction news

Hay Markets

Regional Hay
Monday, November 2
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay & Straw steady.

Alfalfa 80.00-100.00; Mixed hay 65.00-80.00; Timothy hay 60.00-80.00; Straw 40.00-50.00; Mulch 25.00-40.00.

Green Dragon Hay
Ephrata, Pa.
Friday, October 30
Report supplied by PDA

60 loads hay and 11 loads straw.

Alfalfa, few 106.00-156.00, couple down to 85; Mixed hay 67.00-145.00, mostly 80.00-104.00; Timothy hay 78.00-113.00, one 61.00; Orchard Grass, couple 75.00 and 88.00; Straw 57.00-68.00, one 50.00; Ear Corn, 11 loads 68.00-93.00; Oats, 4 loads $1.80 to $2.40 per bushel.

Frederick Co. Hay and Straw
Thursday, Nov. 5
Report supplied by auction

16 loads

1 load clover stubble, $76; 1 load straw, $60; 3 ld. timothy, $53-107.50; 1 ld. timothy and alfalfa, $119; 2 ld. mixed hay, $67-76; 1 ld damaged clover, $20; 5 ld. alfalfa, $81-155; 1 ld corn stalks, $45; 1 ld firewood, $70 a cord.

Vintage Hay
Vintage Sales Stables
Friday, Oct. 30
Report supplied by auction

14 loads.

Alfalfa 92.00; Mixed 75.00-98.00; Straw 60.00-64.00; New Corn 62.00-65.00.

Good's Hay
Leola, Pa.
Wednesday, Nov. 4
Report supplied by auction

76 loads.

Timothy 90.00-107.00; Mixed 83.00-112.00; New Corn 69.00-72.00; Old Corn 70.00-103.00; Alfalfa 92.00-147.50; Straw 54.00-76.00; one baled Soybean Vines 45.00.

New Holland Hay
New Holland Sales Stables
Monday, Nov. 2
Report supplied by auction

88 loads.

Alfalfa several loads 130.00-160.00, some off-color & medium quality 100.00-130.00, few loads rain damaged down to 100 00; Timothy mostly 90.00-110.00, few up to 130.00; Mixed 90.00-120.00, one at 134.00, some poor quality 70.00-80.00; one Orchardgrass 81.00; one nice Clover Mixed 134.00; New Corn 67.50-72.00; one Old Corn 92.00; Oats 2.00 bu.; Straw 65.00-75.00, top 81.00, few down to 50.00.

Pa. Grain
Monday, November 2
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn uneven, mostly steady to 10 cents lower. Wheat steady to strong, instances 20 cents higher. Barley & Oats fully steady. New Ear Corn unevenly steady.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 2.50-2.70, average 2.61; Wheat No. 2 range 3 20-3.70, few reported 3.90, average 3.48; Barley No. 3 range 2.00-2.25, average 2.15; Oats No. 2 range 1.80-2.05, average 1.91; Soybeans No. 1 range 5.57-5.99, average 5.87; Grain Sorghum No. 2 range 2.15, average 2.15; Buckwheat range 9.80, average 9.80; Old Ear Corn range 70.00-82.00, few reported 90.00, average 77.30; New Ear Corn range 53.00-58.00, few reported 65.00, average 56.98.

Central Pa.

Corn No. 2-y range 2.40-2.70, average 2.54; Wheat No. 2 range 3.00-3.35, few reported 3.95, average 3.40; Barley No. 3 range 2.00-2.25, average 2.12; Oats No. 2 range 1.50-1.80, average 1.68; Soybeans No. 1 range few reported 5.60-5.75, average 5.68; Grain Sorghum No. 2 range 2.30, average 2.30; Buckwheat range 9.00-10.00, average 9.50; Old Ear Corn range 72.00-80.00, average 76.00; New Ear Corn range 45.00-54.00, average 49.88.

South Central Pa.

Corn No. 2-y range 2.45-2.57, average 2.52; Wheat No. 2 range 2.85-3.25, few reported 3.50, average 3.07; Barley No. 3 range 2 05-2.40, average 2.27; Oats No. 2 range 1.80-2.00, average 1.89, Old Ear Corn range 62.00-85.00, average 74.06; New Ear Corn range 45.00-56.00, average 52.29.

Western Pa.

Corn No. 2-y range 2.55-2.80, average 2.64; Wheat No. 2 range 3.00-3.50, average 3.15; Barley No. 3 range 2.10-2.20, average 2.15; Oats No. 2 range 1.75-2.00, average 1.86; Buckwheat range 8.00, average 8.00; Old Ear Corn range few reported 70.00-80.00, average 75.00.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.45-2.70, average 2.57; Wheat No. 2 range 3.00-3.70, average 3.36; Barley No. 3 range 2.00-2.25, average 2.17; Oats No. 2 range 1.60-2.00, average 1.81; Old Ear Corn range 70.00-85.00, average 76.03; New Ear Corn range 45.00-58.00, average 53.53.

Oklahoma Cattle
Thursday, November 5
Report supplied by USDA

Estimated Receipts	3,300
Same Day Last Week	4,300

Trade active early, turning moderately active on late rounds. Feeder Steers and Heifers under 600 lb. steady to 1.00 higher; over 600 lb. steady. Majority receipts Medium Frame 1 and Mixed 1-2 300-600 lb. Feeder Steers and 250-500 lb. Feeder Heifers. Moderate attendance buyers.

FEEDER STEERS: Medium, few Large Frame 1 190-250 lb. 76.25-80.00; 300-400 lb. 68.50-77.50; 400-500 lb. 67.00-72.00; 500-600 lb. 64.25-67.70; 600-700 lb. 63.00-65.50; 700-805 lb. 63.80-64.90. Medium and Large Frame Mixed 1-2 200-300 lb. 70.00-75.00; 400-500 lb. 61.50-67.30; 600-800 lb. 59.75-63.00. Medium and Large Frame 2 400-500 lb. 58.50-60.00; lot 660 lb. 58.80. Large Frame 2 Holsteins, couple packages 390-440 lb. 50.70-51.50.

FEEDER HEIFERS: Medium, few Large Frame 1, pkg. 185 lb. 75.00; 200-300 lb. 58.75-66.00; 300-400 lb. 55.50-63.50 mostly 59.50-63.50; 400-500 lb 53.00-59.75 mostly 55.50-59.75; 500-600 lb. 53.00-57.00; lot 625 lb. 56.60; two packages 720-800 lb. 51.90-55.10. medium and Large Frame Mixed 1-2 220 lb. 57.50; 300-400 lb. 54.00-55.25; 400-500 lb. 51.75-54.00, 500-675 lb. 52.60-53.60. Medium and Large Frame 2 lot 295 lb. 52.25; 400-450 lb. 50.05; lot 510 lb. 46.00; package 790 lb. 47.75.

FOR THE WEEK: Compared to late last week, Feeder Cattle and Calves under 500 lb. 1.00-3.00 higher, over 500 lb. firm to 1.00 higher. Slaughter Cows fully steady to 1.00 higher; late sales Utility and Commercial 2-3 37.70-39.10, two packages high cutability 41.25-43.25; low-dressing and YG 3-4 36.00-37.10; Cutter 1-2 35.00-37.00, pkg 1150 lb. Holsteins 37.50; Canner and Low-Cutter 30.00-34.75. Slaughter Bulls fully steady, few sales Tuesday YG 1-2 1150-1600 lb. 45.80-54.00. Salable receipts for the week totaled near 16,300 head compared to 24,727 last week and 18,383 the comparable period a year ago. Majority of receipts or fully 90 percent of the salable supply consisted of Feeder Cattle and Calves; Cows and Bulls numbered near 1700 head and comprised 10 percent of the available supplies.

New Holland Dairy
New Holland, Pa.
Wednesday, Nov. 4
Report supplied by auction

Reported receipts of 96 cows, 49 heifers, and 3 bulls. Market steady.

Load of N.Y. purebred & grade fresh cows, 1175.00-1650.00, springers 1225.00-1550.00; Load of Pa. fresh cows, 1125.00-1250.00; Load of Susquehanna Co. fresh cows, 680.00-1025.00; Load of Butler Co. springers 640.00-1110.00.

Herd of 29 head, all stages, 365.00-1210.00.

Locally consigned cows 410.00-1275.00; Springing heifers 850.00-1200.00; Bulls 435.00-580.00.

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SALE EVERY FRIDAY
Bulls, Steers, Slaughter Cows, Lambs and Veal Calves.
11:00 A.M. - Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M. - Dairy Cows
7:00 P.M. - Small Animal Sale
For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.
WALTER H. RISSER, Proprietor

FRIDAY, NOVEMBER 27
ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly at 1:00
Every 4 Weeks
Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.
50 to 60 Head
Now selling our new hybred gilts representing mostly York & Landrace cross. Bred for easier & less trouble over farrowing.
Brucellosis Negative Tested & Pseudorabies Negative Tested. Health Charts Day of Sale
Due to farrow 3 days to 4 weeks after sale date. Now everything vaccinated for both Lepto & Erysipelas, wormed and sprayed for lice.
Local Trucker Available.
No Hogs Sold On Commission.
CHRIST A. BEILER
R.D. 2, Quarryville, Pa
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa
Abe Diffenbach, Auctioneer

The FRONT ROYAL LIVESTOCK EXCHANGE, INC.
Front Royal, Virginia
is now owned and operated by livestock producers
Regular weekly sale every Thursday - 1:00 P.M.
Special horse sale first Saturday each month - 1:00 P.M.
SPECIAL FEEDER CATTLE SALE
November 17 - 7:00 P.M.
State graded and sponsored by the
Virginia Beef Cattle Association
FRONT ROYAL LIVESTOCK EXCHANGE, INC.
Front Royal, Virginia
Phone: 703-635-5511 or 703-636-6774
P T McIntire, President
White Post, Virginia
Phone: 703-837-1254
Michael Massie, Manager
Washington, Virginia
Phone: 703-675-3537

Livestock market and auction news

Central U.S. Carlot

Wednesday, November 4
Report supplied by USDA

Compared to Tuesday's 4:00 report: Steer beef steady, heifer beef steady to 1.00 lower. Demand and trading light. Supplies moderate. The boxed beef carcass cutout value declined $.56 to an estimated $97.78 per cwt. Sales reported on 66 loads of steer and heifer beef.

STEER BEEF
48 Loads
FOB Omaha Basis

Choice 3: 600-900 lbs. 92.00-93.00, late 92.00 steady.

Choice 4: 600-900 lbs. 82.00-84.00, mostly 83.00 steady.

Good 2-3: 600-900 lbs. 90.00 steady.

FOB Amarillo Basis

Choice 3: 600-700 lbs. 94.50-96.50.

Choice 2: 600-700 lbs. 96.00-97.50.

HEIFER BEEF
18 Loads
FOB Omaha Basis

Choice 3: 550-700 lbs. 90.00-91.00, late 90.00, steady-1.00 lower.

Choice 4: 500-700 lbs. 82.00, steady.

Good 2-3: 550-700 lbs. 87.00-88.00, steady-1.00 lower.

Cow beef steady. Demand moderate. Supplies light to moderate.

COW BEEF
16 Loads
FOB Omaha Basis

Brkg Utlty 3-4: 450/up lbs. 68.50 (West) steady.

Brkg Utlty 3-4: 450/up lbs. 67.50 (Midwest)

Bng Utlty 2-3: 400/up lbs. 70.50 (West) steady

Cnr & Cutter 1-2: 350/up lbs. 72.50-74.50 (Midwest) no comparison.

Cnr & Cutter 1-2: 350/up lbs. 71.50 (West) no comparison.

FOB Amarillo Basis

Brkg Utlty 3-4: 450/up lbs. 69.50 (West) steady.

PRIMAL BEEF CUTS
Choice 3
1 Load

Bull 1-2: 500/up lbs. 82.50 (Midwest)

BONELESS PROCESSING BEEF/BEEF TRIMMINGS
40½ Loads
FOB Omaha Basis

90% chem lean, fresh 103.50-104.00.

85% chem lean, fresh 97.00.

75% chem lean, fresh 86.00.

65% chem lean, fresh 73.50.

50% chem lean, fresh 49.00-51.00.

Compared to Tuesday's 4:00 report: Fresh pork loins 14-17 lbs. 1.00-1.50 lower than Monday, 17-22 lbs. steady to 1.00 lower. Picnics steady. Boston butts not established, but weak undertone noted. Fresh hams steady to 1.00 higher. Sdls bellies 1.25-2.00 higher. Frozen 72% trimmings steady to 1.00 lower. Boneless picnics 1.00 higher. Trading moderate early, turning active late. Demand moderate. Sales reported on 53 loads plus 31 loads of trimmings.

FRESH PORK CUTS

LOINS: 14/dn lbs. 89.00-90.00, late 90.00; 14-17 lbs. 88.00-89.00, late 89.00, 1.00-1.50 lower than Monday; 14-17 lbs. 89.50 next week ship; 17-20 lbs. 88.75 clear channel; 17-22 lbs. 84.50-84.75, steady-1.00 lower; 17-22 lbs. 85.50 next week ship.

PICNICS: 4-8 lbs. 49.00, steady.

BOSTON BUTTS: 4-8 lbs. 72.00.

SPARERIBS: 3.5-5.5 lbs. 78.00 frozen.

SKINNED HAMS: 14-17 lbs. 80.00-81.00, steady-1.00 higher; 17-20 lbs. 79.00-80.00, steady-1.00 higher; 20-26 lbs. 72.00-73.00, steady-1.00 higher.

BELLIES, SDLS: 12-14 lbs. 58.00, 2.00 higher; 14-16 lbs. 57.25, 1.25 higher.

BNLS CUT BUTT: 1.5-3 lbs. 125.00 frozen.

PORK TRIMMINGS
BONELESS PROCESSING PORK
(Chemical Lean)

42% lean trimmings fresh 44.00-45.00.

72% lean trimmings frzn 71.00, steady-1.00 lower.

72% bnls picnics fresh 75.00, 1.00 higher.

72% bnls picnics frzn 76.00-77.00, bulk 77.00, 1.00 higher.

88% blade meat frozen 92.50-93.00.

Dewart Auction

Monday, November 2
Report supplied by PDA

CATTLE 186. Compared with last Monday's market, slaughter cows 25 cents to $2 lower. Few Choice No. 2-4 1040-1240 lbs. slaughter steers 62.25-64.25, few Good 59.25-61.00, few Standard 50.00-58.50. Few Choice slaughter heifers 56.00-57.00, few Good 55.00-56.50. Utility & Commercial slaughter cows 37.00-40.50, few 44.25, Cutters 33.25-36.75, Canner & Low Cutter 27.00-33.25, Shells down to 25.00. One Good slaughter bullock at 56.50. Yield Grade #1 1000-1800 lbs. slaughter bulls 43.75-53.25, one at 55.50. One lot Medium Frame #2 feeder steers at 69.00.

CALVES 189. Few Choice vealers 80.00-91.00, few Good 70.00-75.00, Standard & Good 70-100 lbs. 58.00-65.00. Farm calves, holstein bulls 85-125 lbs. 64.00-86.00; holstein heifers 80-130 lbs. 72.00-120.00.

HOGS 375. Barrows & gilts 75 cents to $1 higher. US No. 1-2 200-250 lbs. barrows & gilts 46.70-47.50, one lot 48.00, No. 1-3 195-260 lbs. 46.00-46.60. US No. 1-3 300-680 lbs. sows 42.75-45.75. Few Boars 37.25-37.75.

FEEDER PIGS 208. US No. 1-3 20-35 lbs. feeder pigs 13.50-18.00 per head, No. 1-3 35-50 lbs. 17.00-25.50 per head, No. 1-3 65-85 lbs. 35.00-43.00 cwt.

SHEEP 33. Choice 75-135 lbs. wooled slaughter lambs 49.00-55.00, Good 55-80 46.00-51.00.

New Wilmington Auction

New Wilmington, Pa.
Monday, November 2
Report supplied by PDA

CATTLE 279. Compared with last Monday's market, slaughter cows mostly $2 lower. One Choice slaughter steer at 58.50, one Good at 54.75, Standard 45.00-51.00, few Utility 40.50-44.25. One Choice slaughter heifer at 54.00, few Good 48.00-48.50, Standard 43.25-48.00, Utility 35.00-40.50. Utility & Commercial slaughter cows 39.00-42.50, Commercial No. 4-5 33.00-40.00, Cutters 35.00-39.75, Canner & Low Cutter 25.00-35.75, Shells down to 20.00. Few Yield Grade #1 and 2 1150-1870 lbs. slaughter bulls 43.00-48.00, one at 50.25. Few Medium Frame #1 375-595 lbs. feeder steers 47.50-54.00; few Medium Frame #1 550-715 lbs. feeder heifers 35.00-42.00; Medium & Large Frame #1 520-740 lbs. feeder bulls 36.00-46.00.

CALVES 285. Vealers grading Good & Choice mostly $10 higher, Standard steady. Few Choice vealers 92.00-104.00, Good 80.00-95.00, Standard & Good 90-125 lbs. 40.00-55.00, 65-85 lbs. 30.00-48.00, Utility 50-80 lbs. 24.00-27.50. Farm calves, holstein bulls 95-135 lbs. 70.00-97.50; holstein heifers 80-110 lbs. 50.00-70.00.

HOGS 383. Barrows & gilts about steady. US No. 1-2 220-240 lbs. barrows & gilts 43.40-43.90, one lot 44.80, No. 1-3 200-250 lbs. 42.50-43.60, No. 2-3 200-265 lbs. 40.90-42.50, No. 2-3 270-285 lbs. 39.90-40.00. Sows about steady US No. 1-3 290-585 lbs. sows 38.00-46.50, No. 2-3 295-730 lbs. 32.00-37.75. Few Boars 36.75-37.75.

FEEDER PIGS 71. US No. 1-3 15-30 lbs. feeder pigs 5.00-16.00 per head, one lot No. 1-3 40 lbs. 20.00 per head.

SHEEP 129. Choice 60-115 lbs. wooled slaughter lambs 38.00-47.00, Good 50-90 lbs. 25.00-43.00, one lot Utility 56 lbs. 16.00. Slaughter ewes 10.00-19.00.

G&M Livestock

Monday, November 2
Duncansville, Pa.
Report supplied by auction

Compared to last week-large run. Market report steers-lower, hogs-steady, cows-lower.

DAIRY COWS: 800.00-1000.00.

STEERS: High Choice and Prime 62.00-64.25; Good to Choice 56.00-62.00; Standard 48.00-56.00; Utility 43.00-48.00.

HEIFERS: Good to Choice 52.00-56.00; Standard 48.00-52.00; Utility 40.00-48.00.

FEEDERSTEERS: Good to Choice 300-500 lbs. 50.00-58.75; Standard to Good 300-500 lbs. 40.00-50.00.

BULLS: 1100-1820 lbs. 48.00-59.25; 900-1100 lbs. 42.00-54.00.

COWS: High Choice Prime 42.00-44.00; Good 38.00-42.00; Utility 34.00-38.00; Cutters 30.00-34.00; Canners Down to 28.00.

CALVES: High Choice 80.00-91.00; Good to Choice 60.00-80.00; Standard to Good 50.00-60.00; Utility 35.00-50.00.

FARM CALVES: Hol. Bulls 75.00-98.00; Hol. Heifers 85.00-122.50.

FEEDER PIGS: 15-30 lbs. 18.00-20.00; 30-50 lbs. 20.00.

HOGS: 200-240 lbs. 43.50-46.90; 170-360 lbs. 41.00-46.25.

SOWS: 38.00-44.75.

BOARS: 36.00-38.00.

LAMBS: 38.00-50.00.

SHEEP: 12.00-20.00.

Middleburg Auction

Tuesday, November 3
Report supplied by auction

CATTLE 273. Choice slaughter steers 62.00-64.10, Good 58.00-63.75, Standard 55.00-58.00, Utility 45.00-55.00. Choice slaughter heifers 58.00-61.25, Good 52.00-58.00, Standard 48.00-52.00, Utility 42.00-48.00. Utility & Commercial slaughter cows 35.00-41.60, few 45.60, Cutters 32.00-39.75, Canner & Low Cutter 25.00-32.00, Shells down to 20.00. Few Good slaughter bullocks 52.00-56.25. Yield Grade #1 1200-2100 lbs. slaughter bulls 50.00-56.75; yield grade #2 800-1200 lbs. 45.00-50.00. Good 400-700 lbs. feeder steers 52.00-62.50.

CALVES 176. Few Prime vealers 95.00-99.00, Choice 80.00-95.00, Good 70.00-80.00, Standard & Good 90-110 lbs. 50.00-65.00, 60-90 lbs. 35.00-50.00. Farm calves, holstein bulls 95-120 lbs. 60.00-90.00; holstein heifers 80-125 lbs. 60.00-93.00.

HOGS 592. (Monday, November 2, 1981). US No. 1-2 210-240 lbs. barrows & gilts 46.00-47.50, No. 1-3 190-250 lbs. 45.00-46.00, No. 2-3 190-270 lbs. 43.75-45.00. US No. 1-3 300-600 lbs. sows 40.00-43.00, No. 2-3 260-500 lbs. 35.00-39.50. Boars 240-700 lbs. 35.00-38.00.

FEEDER PIGS 222. US No. 1-3 10-20 lbs. feeder pigs 8.00-16.00 per head, No. 1-3 20-40 lbs. 16.00-35.00, No. 1-3 40-60 lbs. 35.00-40.00 per head.

SHEEP 27. Choice 90-110 lbs. wooled slaughter lambs 46.00-52.00, Good 60-90 lbs. 42.00-46.00. Slaughter ewes 15.00-26.00.

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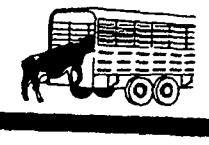

Livestock market and auction news

THE OLD FARMER'S ALMANAC

NOV. 9-15, 1981

Glowery and showery.

Ice this week means mud at Christmas Charles de Gaulle died Nov 9, 1970 Full moon Nov 11 (Wed) Average length of days for the week, 9 hours, 52 minutes *Moby Dick* published Nov 14, 1861 Henry Winston gave the Hope Diamond to Smithsonian Nov 9, 1958 *A man shows his character by what he laughs at*

Ask the Old Farmer: Our floors creak and it is most annoying Is there anything we can do without getting into a major job? V T, Alhambra, Calif

Get some cheap talcum powder and dust it into the cracks while someone walks up and down the floor to help work it in

Home Hints: To keep the bottom crust of fruit or custard pies from getting soggy, brush the crust with a slightly beaten egg white and put it into the oven for five minutes before pouring in the filling

OLD FARMER'S WEATHER FORECAST

New England: Very warm and sunny; light rain at end and cooler

Greater New York-New Jersey: Cloudy, then light rain and warm at start, sunny and cool, becoming warm.

Middle Atlantic Coastal: Temperatures warm with rain, then showers, clearing and colder, then very warm.

Piedmont & Southeast Coastal: Rain and warm through midweek, then sunny, short cold snap turning warmer

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Joliet Cattle

Thursday, November 5
Report supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 4,600; 5 days last week 3,379; same period a year ago 4,312. Trading slow for the week. Slaughter steers ended the week 1.00-2.00, instances 2.50 lower compared with Wednesday of last week. Slaughter heifers ended the week 1.00-2.00 lower. Cows closed the week 1.00 lower.

SLAUGHTER STEERS: Mixed High Choice and Prime 3-4 150-1300 lb. 60.50-61.50 Monday; 59.50-60.00, load 60.25 Wednesday. Choice 2-4 1050-1350 lb. 59.50-61.00 Monday; 58.00-59.50 Wednesday. Choice, few prime 4-5 1250-1400 lb. 59.00 Monday; 57.00-58.50 Wednesday.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 950-1100 lb. 59.00-59.50 Monday; 58.00-58.50, load 59.00 Wednesday Choice 2-4 900-1050 lb. 58.00-59.00 Monday; 57.00-58.25 Wednesday; 4-5 950-1100 lb. 57.00-57.50. Mixed Good and Choice 2-3 800-1000 lb. 56.50-58.00 Monday; 55.50-56.50 Wednesday.

COWS: Cutter and Utility 1-3 35.00-37.00 Monday; 36.00-38.00, few 38.50 Wednesday.

Morrison Cove Auction

Martinsburg, Pa.
Monday, November 2
Report supplied by auction

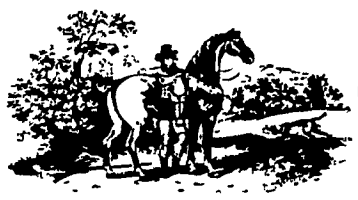
CATTLE 189. High Choice & Prime slaughter steers 60-62.25, Choice 58.75-60, Good 55-58.75, Standard 52-55.50, Utility 42-49.25. Choice slaughter heifers 58.00-60, Good 54.50-58, Standard 48.50-54.50, Utility 40-48.50. Utility & Commercial slaughter cows 41-44.25, Cutters 36.50-41, Canner & Low Cutters 32-36.50, Shells down to 28. Choice feeder steers 60.00-66, Good 58.00-66, Medium 45.00-48. Good feeder heifers 52-54.50, Medium 45.00-48. Good feeder bulls 52.00-55, Medium 44.00-52.

CALVES 376. Prime vealers 90.00-100, Choice 85.00-90, Good 75.00-85, Standard and Good 110-130 lbs. 65.00-75, 90-110 lbs. 60.00-65, 70-90 lbs. 50.00-60. Farm Calves: Hol. Bulls 90-120 lbs. 80.00-104; Hol. Heifers 90-120 lbs. 70.00-132.

HOGS 284. US No. 1-2 barrows and gilts 45-47.25, No. 1-3 45-45.75, No. 2-3 44.50-45, No. 2-3 44-44.50, No. 1-3 43.00-44. US No. 1-3 sows 42.50-45, No. 2-3 40.50-42.50. Boars 35-38.50.

FEEDER PIGS 136. US No. 1-3 25-40 lbs. feeder pigs 16.00-34 per head, No. 1-3 40-65 lbs. 34.00-41 per head.

SHEEP 18. Choice 85-95 lbs. wooled slaughter lambs 48.50-50, Good 65-75 lbs. 42.00-48, Utility 40-42.00. Slaughter ewes 16.00-34.00. GOATS 1 AT $18 per head.



East Coast Carlot

Wednesday, November 4
Report supplied by USDA

Compared to Tuesday's close: Limited sales of prime special fed veal mostly 5.00 to 7.00 lower than last Friday. Limited sales of Good and Choice boning veal steady. Inshipped generally steady.

VEAL CARCASS
Prime (Special Fed)
HIDE-ON
125 Head

180-240 lbs. LTD 180.00-185.00, few 175.00, mostly 5.00-7.00 lower than last Friday.

BONING TYPE
HIDE-ON
Good & Choice

Northeastern Suppliers: All steady, 65-75 lbs. 83.00, few 78.00; 55-64 lbs. 81.00, few 76.00; 45-54 lbs. 79.00, few 74.00; 35-44 lbs. 77.00, few 72.00; 34 lbs. down 75.00, few 70.00.

Inshipped: 71-80 lbs. 88.00-90.00, all generally steady; 61-70 lbs. 86.00-88.00; 51-60 lbs. 84.00-86.00; 41-50 lbs. 82.00-84.00; 30-40 lbs. 80.00-82.00.

LAMB CARCASS
Choice & Prime 3-4
1 Load

55 lbs. down 113.00.

BONELESS BEEF
2 Loads

90 pct. chem lean fresh 107.00; 85 pct chem lean fresh 100.00 late yesterday.

CURED AND PROCESSED MEATS
12 Loads

Skinned Hams: 16-20 lbs. 89.00.

Semi-Boneless Hams: 17-20 lbs. 102.00 weak.

No. 1 Sliced Bacon, Vacuum Pack, 1 lb. pkg. 114.00 weak.

Franks, 70 beef, 30 pork, 1 lb. pack 89.00 steady.

Calf, Yearling Feeder Sale

Winchester, Va.
Friday, Oct. 30
Report supplied by VDA

1,409 head sold.

STEERS: 300-400# Medium 1 59.00-61.00; Small 1 53.75-60.00. 400-500# Medium 1 53.00-66.50; Large 1 62.50; Small 1 52.00-61.00; Med. & Large 2 53.00-61.00. 500-600# Medium 1 52.00-63.00; Large 1 58.00-64.00; Small 1 51.25-61.00; Med. & Large 2 50.50-56.00. 600-700# Medium 1 62.00-62.50; Large 1 60.50-64.50; Small 1 56.75-57.50; Med. & Large 2 52.50. 700-800# Medium 1 56.00-61.00; Large 1 60.75; Small 1 57.00; Med. & Large 2 52.50-57.00. 800-900# Medium 1 54.00-58.25; Large 1 56.50-60.75; Small 1 52.00-58.00; Med. & Large 2 48.00-50.00. 900-1000# Medium 1 53.75-56.25; Large 1 57.00-57.50. 1000-1100# Medium 1 53.75-55.50.

HEIFERS: 300-400# Medium 1 46.00-53.00; Large 1 43.00; Small 1 45.00-50.00. 400-500# Medium 1 47.00-52.50; Large 1 48.00-53.00; Small 1 45.00-48.00; Med. & Large 2 45.50-52.00. 500-600# Medium 1 44.50-53.00; Large 1 46.00-49.50; Small 1 46.00-51.50; Med. & Large 2 44.00-47.50. 600-700# Medium 1 41.50-54.00; Large 1 53.50; Small 1 47.50; Med. & Large 2 38.00. 700-800# Medium 1 49.50-51.00; Large 1 49.00-52.00.

49%

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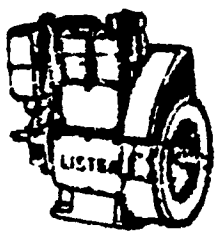

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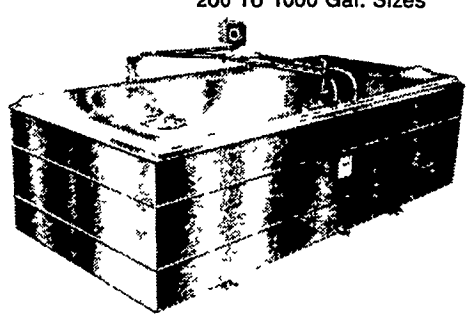

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DECEMBER 5, 1981
9:00 AM

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- CHAIN SAWS
- LAWN MOWERS
- GARDEN TRACTORS
- SNOWMOBILES
- FARM EQUIPMENT
- AIR COMPRESSORS

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* Terms: Cash, Visa, Master Charge or Good Check

Livestock market and auction news

Special Feeder Calf Sale

Culpeper, Va.
Friday, Oct. 30
Report supplied by VDA

1,580 head.

STEERS: 300-400#. Medium Frame 1 66.50-72.50; Large Frame 1 3 head 71.00; Small Frame 1 50.25-54.50; M&L Frame 2 51.50. 400-500# Medium Frame 1 55.00-67.00; Large Frame 1 58.00-65.00; Small Frame 1 46.00-57.00; M&L Frame 2 49.00. 500-600# Medium Frame 1 52.00-62.00; Large Frame 1 56.50-60.50; Small Frame 1 53.00-57.00; M&L Frame 2 52.25. 600-700# Medium Frame 1 54.00-60.75; Large Frame 1 58.00-58.50; Small Frame 1 54.75-56.25.

HEIFERS: 300-400# Medium Frame 1 49.00-53.50: Large Frame 1 49.00-51.00; Small Frame 1 42.00-44.50; M&L Frame 2 45.00. 400-500# Medium Frame 1 46.00-55.00; Large Frame 1 47.00; Small Frame 1 40.00-45.25; M&L Frame 2 40.00. 500-600# Medium Frame 1 49.00-50.00; Large Frame 1 50.00; Small Frame 1 42.50. 600-700# Medium Frame 1 49.00-51.00; Large Frame 1 47.00.

Graded Feeder Yearling

Marshall, Va.
Thursday, Oct. 29
Report supplied by VDA

1,031 head sold.

STEERS: 400-500# Small Frame 1 50.00. 500-600# Medium Frame 1 53.00-59.50; Large Frame 1 60.00; Small Frame 1 50.50-54.00; M&L Frame 2 48.00-55.00. 600-700# Medium Frame 1 53.00-59.50; Large Frame 1 59.00; Small Frame 1 50.50-55.50; M&L Frame 2 48.00-54.75. 700-800# Medium Frame 1 56.00-59.25; Large Frame 1 56.00-59.50; Small Frame 1 54.50-56.50; M&L Frame 2 46.50-52.75. 800-900# Medium Frame 1 53.00-59.50; Large Frame 1 56.50-58.00; M&L Frame 2 47.00-49.25; 900-1000# Medium Frame 1 55.00-56.00; Large Frame 1 53.50-57.00.

HEIFERS: 400-500# Medium Frame 1 55.00; M&L Frame 2 47.00. 500-600# Medium Frame 1 53.50; Large Frame 1 51.50; Small Frame 1 46.00-52.00; M&L Frame 2 46.00. 600-700# Medium Frame 1 51.00-53.00; Large Frame 1 51.50; Small Frame 1 44.00-49.00; M&L Frame 2 44.00. 700-800# Medium Frame 1 49.00-52.50; Large Frame 1 48.25-52.50; Small Frame 1 46.00; M&L Frame 2 42.00.

Peoria Cattle

Thursday, November 5
Report supplied by USDA

Compared to last week Slaughter Steers and Heifers closed .50 to mostly 1.00 lower cows 1.00, instances 1.50 lower. Bulls in light supply steady. Trade opened the week moderate, but turned slow at midweek with few buyers out of the market. Weekly receipts mainly choice consignments with increase showing of YG 4's on offer. Receipts this week about 3000 as compared to 2431 a week ago and 3199 a year ago.

SLAUGHTER STEERS: Choice, including Prime 2-4 1000-1300 lbs. 58.00-60.75, closing 58.00-59.00 with those at 59.00 mostly YG 3. package mostly YG 4 57.00-58.50. Package 1200 lbs. Holsteins 57.00 good 57.00-58.00.

SLAUGHTER HEIFERS: choice, few Prime 2-4 900-1100 lbs. 56.00-58.00, mostly 56.00-57.00 Wednesday. Few packages YG 3-5 950-1100 lbs. 52.00-55.50 Mixed Good and Choice 2-3 800-1000 lbs. closed 54.00-56.00. Goods 53.00-56.00.

COWS: Utility and Commercial 1-3 33.50-37.50. Few 38.00-39.00 Monday. Cutter 33.00-36.00. Canner and low Cutter 32.00-34.00.

BULLS: YG 1-2 1100-1950 lbs. 42.00-46.00.

Lancaster Feeder Cattle

Friday, October 30
Report supplied by USDA

Today	737
Last Friday	721
Last Year	1103

TREND: Compared to last Friday feeder steers 1.00-2.00 higher, feeder bulls 50-1.00 higher; feeder heifers not tested. Supply included 394 in graded sales, sold in lots of 10 or more.

FEEDER STEERS: Medium Frame 1: Several lots 610-825 lbs. 57.50-59.00, one lot 787 lbs. 61.25. Medium and Large Frame 1: One lot 641 lbs. 61.25; one lot 818 lbs. 56.75 and one lot 1062 lbs. 55.10. Small and Medium Frame 1: Couple lots 490-585 lbs. 58.75-59.00; one 23 head lot 762 lbs. 57.00. Medium Frame 1-2: Several lots 640-810 lbs. 56.50-58.00; couple lots 520-760 lbs. 54.50-54.60; and couple lots 900-905 lbs. 56.25. Large Frame 1-2: Couple lots 685-715 lbs. 56.75-58.00; one lot 882 lbs. 54.25. Small Frame 1-2: One lot 410 lbs. 55.00. Medium and Large Frame 2 (Holsteins): One lot 407 lbs. 55.25.

FEEDER BULLS: Medium Frame 1: One lot 480 lbs. 50.50. Large Frame 1: One lot 575 lbs. 53.25. Small and Medium Frame 1: Few lots 495-565 lbs. 45.50-48.25.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, October 31
Report supplied by auction

STOCKER, FEEDER, AND SLAUGHTER CATTLE: Good Light Steer Calves 64.00-69.50; Medium 59.00-63.75; Plain 58.00 and down; Good Heavy Steers 59.00-61.00; Medium 54.00-58.75; Plain 53.00 and down; Holstein Steers 47.00 and down; Good Light Heifer Calves 47.50-50.00; Medium 42.00-47.25; Plain 41.00 and down; Good Heavy Heifers 46.00-50.50; Medium 41.00-45.75; Plain 38.00 and down; Slaughter Cows 49.00-53.50; Utilities 45.00-48.75; Cutters & Canners 44.00 and down; Stock Bulls 57.00 and down; Slaughter Bulls 47.50 and down.

CALVES: Veal Calves 80.50 and down; Baby Calves 75.00 and down.

SHEEP & LAMBS: Choice Blue O 49.50; Good Red O 44.00; Feeder Lambs 46.50 and down; Slaughter Ewes 14.25 and down.

HOGS: Top 43.00; Heavy 42.00 and down; Medium 38.00; Sows 46.50 and down; Boars 34.85.

St. Louis Cattle

Thursday, November 5
Report supplied by USDA

Receipts this week:	4,500;
Week Ago:	4,100;
Year Ago:	5,600;

Compared last week, slaughter steers weak to .50 lower. Slaughter heifers mostly steady after an advance Monday was offset by a decline Tuesday. Cows generally steady folowing a decline which erased Monday's upturns. Bulls steady. Slaughter supply near 50% slaughter steers, about 30% heifers and 20% cows.

SLAUGHTER STEERS: On Monday, mixed Choice and Prime 2-4 1050-1250# 59.50-60.00; Scattered loads 3-4 1100-1250# 59.00. Choice 2-3 925-1100# 59.50-60.00, load about 1100# 60.25. Choice 2-3 during the week ranged 58.00-59.50, mostly 58.00-59.00 after Monday. Mixed Good and Choice 2-3 950-1150# late 57.50-58.00. Good 2-3 900-1150# 56.50-58.00, closing 56.50-57.50. Light supply mostly Good 2-3 1050-1400# holsteins 54.50-56.00. Few Standard and low Good 2-3 850-1175# mostly holsteins 50.00-53.50.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 900-1050# 57.50-58.00, mostly 57.50-58.00 after Monday. Couple loads 1000-1050# 58.75 and 59.00 Monday. Choice 2-4 850-1050# 56.50-58.00, late 56.50-57.50. Mixed Good and Choice 2-3 800-950# 55.50-57.00. Few Good 2-3 700-900# 54.00-56.00.

COWS: Closing week sales: Utility and Commercial 2-4 34.50-37.00. Boning Utility 1-2 37.00-37.50, few at 38.00. Cutter 1-2 32.50-36.00. Canner and Low Cutter 1-2 39.50-42.50.

BULLS: Yield Grade 1-2 975-1700# 43.00-48.00. Couple 1400-1600# Yield Grade 1 individuals 49.00 and 50.00.

FEEDERS: (Including around 1,800 at the regular Thursday auction.) Feeder steers steady to 2.00 lower, decline generally on weights under 700#. Feeder heifers steady to 2.00 higher, advance mainly on 500-700# supply mainly Medium Frame 1 and Mixed Medium Frame 1-2 300-700# steers and 300-600# heifers. Attendance fairly large.

FEEDER STEERS: Medium Frame 1: 300-550# 60.00-64.25; 600-800# 59.00-63.25, bulk 60.25-62.25. Medium Frame 1-2: 300-500# 55.00-59.00; 500-700# 56.50-59.25; Few Lots Medium Frame 2: 300-500# 50.00-54.25. Large Frame 2 Holsteins: few lots 475-700# 49.50-51.00.

BULLS: Medium Frame 1-2: 400-550# 53.75-57.50.

FEEDER HEIFERS: Medium Frame 1: 300-500# 49.50-54.50, mostly 50.50-53.50; 500-625# 50.00-55.00; lot thin 512# 55.75. Medium Frame 1-2: 300-500# 45.00-48.75.

STOCK COWS: Couple lots Medium and Large Frame 1-2 middle-aged and aged 850-975# 35.00-38.00

COWS AND CALF PAIRS. Lot Medium Frame 1-2, 2 and 3 year old cows with 200# calves at side 600.00 per pair.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, Nov. 2
Report supplied by auction

Reported receipts of 256 calves, 122 cows, 45 bulls, 56 heifers, 22 steers, 89 hogs, 8 lambs, 1 sheep. Cattle market somewhile easier, calf market seasonably lower.

Holstein Heifer Calves to 82.50; Veal Calves 41.00-89.50; Bobs, 90-110 lbs. 58.50-100.00; Bobs, 80 and down 32.00-60.00; Grassers & Feeders 36.00-51.50; Lambs 41.00-49.00; Sheep 22.50; Hogs, 200-250 lbs. 41.00-47.00; Sows 38.50-40.50; Boars 27.50-40.00; Pigs each 9.50-27.00; Heifers 34.00-43.25; Steers 49.75-57.00; Steers, feeder 45.00-51.75; Bulls 37.50-48.75; Cows, utility 37.00-40.75; Cows, fat 36.75-39.00; Cows, medium 35.00-37.00; Cows, poor or small 25.00-32.00; Horses up to 510.00; Ponies to 50.00; Goats 6.00-60.00.

Hunter's Auction

Monday, November 2
Rising Sun, Md.
Report supplied by auction

FEEDER HEIFERS: Good to Choice 48.00-52.00; Other 38.00-43.00.

COWS: High Choice to Prime 42.25-43.75; Good to Standard 40.25-41.75; Utility 38.75-40.00; Cutters 36.25-39.00; Canners 33.50-37.00.

CALVES: High to Choice 140-180 lbs. 80.00-89.00; Good to Choice 120-140 lbs. 72.00-84.00; Standard to Good 90-115 lbs. 54.00-68.00; Utility 75-85 lbs. 42.00-57.00; Low Utility 65-75 lbs. 40.00-51.00.

FEEDER PIGS: 20-25 lbs. $12 to $16 by hd.; 30-35 lbs. $20 to $24 by hd.

HOGS: 180-220 lbs. 42.00-44.50.

SOWS: 38.00-41.50.

BOARS: 33.00-38.50.

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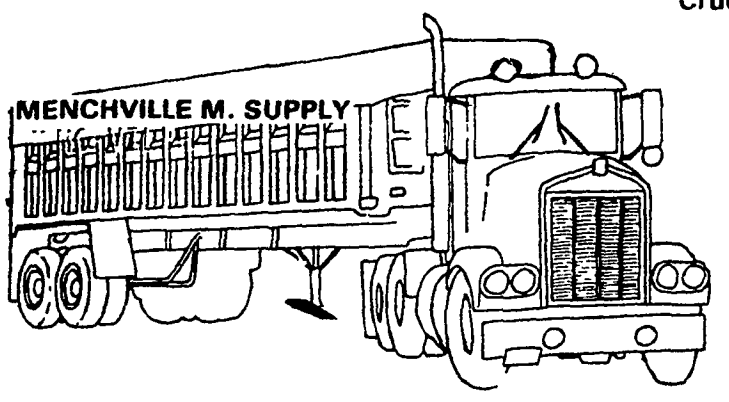

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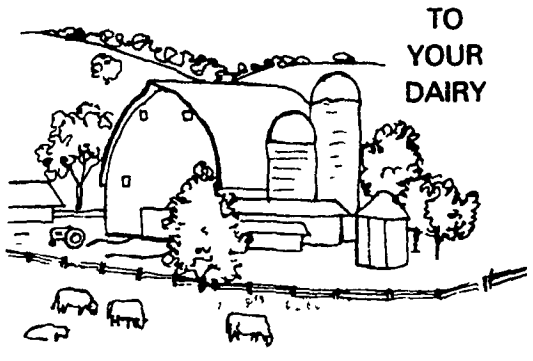
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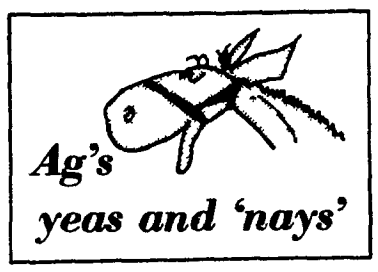
Off the Sounding Board

By Sheila Miller, Editor

We have a right to farm



Farmers' rights are going to come to the test, soon.

We've already heard a lot about a country 'cousin' — animal's rights. And now it's time for the human counterpart of the ag world to stand up and be counted, too.

Although most farmers think their deeds are the legal documents that constitute their inherent right to farm, many have been finding that those pieces of parchment don't guarantee the landholdings they represent can be used for farming.

Other factors, such as local zoning and court rulings, have made decisions for farmers — sometimes without their approval or knowledge — that have taken their farmland out of production, either directly or indirectly.

In small, stuffy meeting rooms, handfuls of people with no particular training in land use or development, pass judgement on the lands that have been tilled and tended by hard-working farmers for generations. They 'rule' that those lands can no longer support large numbers of poultry, hogs, and cattle, that farmers can only spread manure or perform tillage operations during certain time periods; that new outbuildings and silos can be located only where they meet specific distance requirements and won't annoy non-farm neighbors regardless of how this affects present structures and operational layout.

And the legislated atrosities against agriculture continue to grow as local boards add new faces from suburbia who wield their acquired powers to enact new ideas about what country life shoud be like

Although this sounds like science fiction, a tale out of someone's wild imagination, unfortunately, this happens to be a true life story for many Pennsylvania farmers.

Not all the harassment to farmers has to come from local legislation, however. Neighbors, too, can make our Commonwealth's agrarian community members question why they stay in the business of feeding these people who complain about every season's noise and smells. Some of these work-away neighbors even take their complaints to court, suing their hard-working farm neighbors for spreading, spraying, and anything else that annoys them.

One Dauphin County hog producer recently discovered his lot-owning, split-level neighbor had decided actions could speak louder than words. So, as the farmer proceeded to empty his manure storage pit, hauling the slurry to a field located some distance away from the dividing boundary line, his neighbor loaded a gun, and fired in the direction of the spreader.

Luckily, no one was hurt in the incident. But, now, the township officials are deciding on what regulations need to be drafted so that future violence will not occur.

Township officials are not the only ones looking into the problem. State legislators are considering a bill introduced by Lancaster's Rep Noah Wenger which would protect agricultural operations from nuisance suits and ordinances.

HB 1823 would protect farmers who are performing normal, necessary operations from being sued or shackled by local laws for creating an occassional 'country' odor, or a little corn fodder dust Squealing pigs, bawling cows, whirring fans, and reverberating machinery engines, all part of the overall farm picture of pastoral tranquility and scenic beauty, would not be allowed to be singled out as offensive by non-farmers who share the quality life the country has to offer.

But, HB 1823 needs the support of the farm community it's trying to protect. A similar bill was introduced by Rep. Wenger last year. It passed the House with a favorable vote only to die in a Senate Committee Even in its initial test in the House Ag Committee, HB 1823 met with two opposing votes out of the 22 legislators who acted on the bill. One representative's comment was that farmers who sold the lots off to neighbors in the first place shouldn't be given any special consideration.

What about those farmers who never sold a single lot, but watched as other farmers pared out parcels to urbanites and suburbanites who yearned for the 'good life?' And what about those farmers who learn their non-farm township officials have passed an ordinance that limits what type of livestock they can raise, and how many head are allowed.

Yes, this is the decade for Farmer's Rights. Let's hope it passes the legislative test, and farmers receive the support and backing we deserve from our government. For in the end, what good are all their efforts to preserve farmland, if farmers are lost to nuisance suits and ordinances?

THE BIBLE SPEAKS

BY LAWRENCE W ALTHOUSE

WHO BUILDS THE BARRIER?
November 8, 1981

Background Scripture:
Romans 8.
Devotional Reading:
Galatians 5:16-24.

In those times when God seems absent from our lives, when it appears that he is not present to help us in our trouble or sorrow, it is customary for us to assume that he has for some reason placed a barrier between himself and ourselves. It is also customary for us to assume that the reason for his absence is his displeasure with us—something we've done or not done, something present in our lives that shouldn't be there or something lacking that should be.

The Psalmists frequently complained that God had forsaken them: "O God, why dost thou cast us off forever?" (74:1). King Saul was convinced that God no longer listened to his prayers. Even Jesus cried on Calvary, "My God, my God, why hast thou forsaken me?" If all of these—and more—experienced a barrier between God and themselves, it is not so surprising that we have also experienced it.

According to the Flesh

Yet, the Bible seems to indicate that it is really not God who abandons us, but we who abandon him. If there is a barrier between us in times of great need, it is because we have perhaps unwittingly erected it ourselves. God does not desire to separate himself from us even in the midst of our sin.

One of the ways in which we build such a barrier is to focus our whole attention and being on the material side of life. Whether our hangup is food, drinking, clothing, money, power or our other material pleasures, we stifle our spiritual selves when we fail to recognize that we are both flesh and spirit. It is not that God becomes angry with us for our material preoccupation, but that these "things" erect a barrier that tends to shut him out. Thus, Paul reminded the Romans that "all who are led by the Spirit of God are sons of God" (Romans 8:14).

Who is to Condemn?

Another way we build a barrier between ourselves and God is by failing to really accept his forgiving grace. Although in our minds we "know" that it is through God in Christ that we are freed from our guilt, we still may live as if we don't believe it. We act as though we are more powerful sinners than he is a Saviour. So Paul reminds us in Romans, "It is God who justifies, who is to condemn?" (8:34). To live with unrelieved guilt is to actually reject the grace of God.

"Who shall separate us from the love of Christ?" asks the Apostle (8:35). His answer: Nothing or no one! "For I am sure that neither death, nor life, nor angels, nor principalities, nor things present, nor things to come, nor powers, nor height, nor depth, nor anything else in all creation, will be able to separate us from the love of God in Christ Jesus our Lord" (8:38).

Unless we ourselves build the barrier

Farm Calendar

Today, Nov. 7

North American National Livestock Expo, Louisville, Ky. Continues until Nov. 21.

Eastern Limousin Breeders Fall Sale, 7 p.m., Frederick, Md. Fairgrounds.

Springfield, Bradford Co. 4-H Good Grooming Club, 1:30 p.m., Extension Office.

Championship Rodeo, Farm Show Building, Harrisburg, Continues tomorrow.

Lancaster 4-H Sheep Roundup, Tim Fleener's home, 2418 Harrisburg Pike, 12:30 p.m.

Monday, Nov. 9

Poultry Servicemen's Seminar, 6:30 p.m., Holiday Inn North, Rt. 501, Lancaster.

PFA annual meeting, Hershey Motor Lodge Convention Center. Continues to Wednesday.

Lancaster County 4-H Beef Show, 1 p.m., Stockyards.

Adams County Home Energy Workshop, 7 p.m., Extension office. Continues Nov. 16, 23, 30 and Dec. 7.

Dauphin County Beef Roundup.

Tuesday, Nov. 10

Extension Income Tax Workshop, Bedford. Continues until Thursday.

Lebanon County DHIA, 7 p.m., Prescott Fire Hall.

PennAg-Penn State Dairy Workshop Day, 9 a.m.-3:30 p.m., Harrisburg Sheraton West.

Cumberland County 4-H Beef Roundup and Sale, Carlisle.

District 4-H Beef Show, 9 a.m., sale 1 p.m., Lancaster Stockyards.

Berks Equine Council, 7:30 p.m., Ag Center.

Lebanon County 4-H Horse Banquet, 6:30 p.m., Schaefferstown Fire Hall.

Bradford County West DHIA Annual Meeting, 7:45 p.m., Canton High School.

Farm-City Banquet, Holland Union Building, Dickinson College Campus.

4th Annual York County Crop Improvement Show, 7 p.m., Dover High School.

(Turn to Page A12)

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Winterize Small Engines

Many small engines on farms and around homes will be hard to start next spring. But you can change that by properly winterizing your small engines. Here are some suggestions:

After running the engine to reach operating temperature, drain the crankcase and refill with new oil of proper weight, as specified in the operator's manual.

Add a few teaspoons of gasoline stabilizer into the gas tank and run the engine for several minutes to make sure the stabilizer flows throughout the fuel system. It's actually better to drain the gas tank and run the engine until it stops.

If the engine is water cooled, be sure the anti-freeze in the cooling system is sufficient for the lowest temperature. Use an anti-freeze tester for this check.

Remove the spark plug and pour about a tablespoon of clean oil into the cylinder. Also, clean and regap the spark plug or replace it with a new one.

Use an air gun to blow loose dirt and chaff from the engine. Remove and service the air cleaner.

Finally, cover the engine with a piece of canvas and store in a dry place under cover.

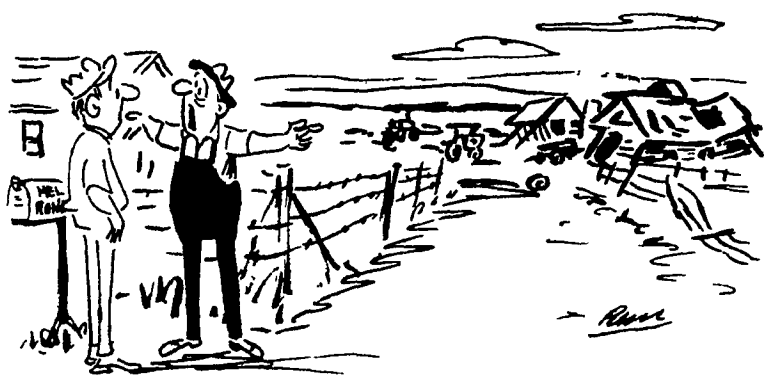
To Evaluate Tree Windbreaks

We are approaching the season when winter winds can drive through our homes and push the heating bills up. Buildings that are protected with trees, or some other type of windbreak, will require less heat. Under present conditions, everyone should make a special effort to conserve energy and reduce fuel bills.

Several rows of evergreen trees planted upwind from buildings will help a great deal. This is not a common practice here in the East; however in the Midwest, most

(Turn to Page A12)

HAY HAWS



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* Field Sales Representative

Now is the Time

(Continued from Page A10)

farm homes have this protection. I would suggest that you evaluate this investment during this winter when the weather gets really bad. Then, next spring the plantings can be made.

To Check Stand-By Generators

The winter season brings with it snow and ice storms that can damage and knock out our supply of electricity. Most farms are badly crippled without electricity so the need for a stand-by generator is recognized. I know that many poultry farms in particular, already have this equipment.

However, if the generator is not in good working condition, it may not do the job in case of an emergency. These generators should be run once a week to reassure yourself that it's in good running condition. If it is a tractor hook-up type, then take the time to make that connnection each week. When the power goes off, you don't have time to run tests on the equipment to make sure it's in proper working order.

To Eliminate Feed Waste

Feed costs are one of the major items in the production of meat and milk on most farms. Under today's market conditions, it is very important to keep feed costs to a minimum.

In the case of cattle and hogs, if any money is to be made, it has to be made on the cost of gains rather than on the margin between first cost and selling price. Therefore, the less feed the animals eat per pound of gain, or pound of milk, the better it will be for the owner. In many cases feed is being wasted.

Cracks or holes in feed troughs and feed bunks, are sure to waste feed. Improper adjustment of feeders, will waste feed. Check your feeding equipment and be sure the feed is being consumed, not wasted.

How does the cattle cycle work?

WASHINGTON, D.C. —

"The cattle cycle is an economic disease We spend millions on animal diseases How much do we spend on the real income killer, the cattle cycle? We view the cattle cycle like death and taxes as inevitable I deny this Cycles are predictable and their causes well known Through research and education they could essentially be eradicated."

Willard Williams, professor of agricultural economics at Texas Tech, made this statement in 1975, but he could — and would — say it again today. In the past, cattle cycles have caused tremendous fluctuations in beef supplies, prices, and the value of cattle inventories. In fact, during the last decade, some producers saw the value of their herds cut almost in half when the cycle turned from expansion to the sharpest liquidation in history.

The cattle industry is now in a rebuilding phase of the eighth cycle since someone started counting back in 1896. So, the question for the eighties is: Must the traditional pattern of overoptimism, overexpansion, and huge producer losses repeat in this decade?

Economics such as Williams and USDA's Richard Crom contend cattle cycles can be better controlled. According to Crom, producers themselves, armed with accurate market information and knowledge of how to react to industry trends, could help flatten out the peaks and valleys of production cycles.

"This is a real possibility now," says Crom, "because producers are more management-oriented and production units are larger."

Management followup is the key because information alone is just not enough. One industry expert cites the early seventies as a prime example of this. High prices and reduced slaughter, as more cattle were held for herd expansion, led many producers to ignore the basic data on total cow numbers. Even many cautious producers kept expanding. Ultimately, they suffered huge losses because record cattle and cow numbers, coupled with drought-reduced forage supplies, finally forced a record liquidation.

How the Cycle Works

There's no simple explanation of how the cattle cycle begins, but let's say it starts with the expansion phase. Heifers that normally would have been marketed are held back by producers and added to breeding herds. Additional cattle are put on feed.

Thus, slaughter is reduced, and beef supplies become more limited. Prices then increase for slaughter cattle and also for breeding stock and feeders. Each increase stimulates more expansion. Retail prices climb because of limited supplies.

Finally, cattle numbers become so large that increased slaughter is unavoidable. Prices fall. If producers panic and rush to sell, the market is glutted with beef and prices drop severely.

Eventually, marketings decline and prices improve for cattlemen. Then, the expansion phase of the cycle takes over again.

One key factor in the cycle is beef biology. Quick reactions to market signals are impossible because so much time is involved in the reproduction of cattle. So, biology alone is a big factor in the length of the cycles, which have run about 10 years each during the past three decades.

For cattle producers, the time it takes for a calf to reach market weight and the market prices received are important considerations in management. "But if these internal factors were the only ones affecting cattle numbers, the degree of income adjustment for producers would be relatively minor," says Crom.

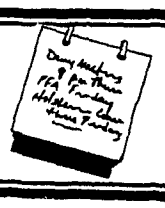
"It's the outside forces — inflation, weather, exports, consumer spending, and feed prices — that can lead to major herd liquidation and trouble."

"Back in the seventies, just about everything went wrong," says Crom. "The unprecedented rate of inflation during the early part of the decade had a dramatic effect on input prices. Grain and energy costs more than doubled. In creased foreign demand for feed grains tightened domestic supplies.

"And on top of that, a severe

(Turn to Page A39)

Farm Calendar



(Continued from Page A10)

Wednesday, Nov. 11

Delmarva Poultry Short Course, 7:30 p.m., Georgetown Substation.

Adams County Poultry Appreciation Banquet, 6:30 p.m., Cashtown Fire Hall.

Hunterdon County, N.J. Ag Development Board, 8 p.m., Extension Center, Flemington, N.J.

Gas Lease Update meeting, 7:30 p.m., Big Springs High School, Newville.

Bradford County Extension NEBA annual meeting, 7:45 p.m., North Orwell Community Hall.

Huntingdon County DHIA annual meeting, 7:30 p.m., Juniata Valley High School.

Thursday, Nov. 12

Wayne County Extension Annual Meeting, 7:45 p.m., Pleasant Valley Grange Hall

York Farm Credit Stockholders Meeting, Embers, Carlisle.

Adams Ag Area Organization Meeting, 7:30 p.m., Gettysburg Sr. High School.

Chester County DHIA Annual Meeting, 7 p.m., East Brandywine Fire Hall, Guthriesville.

Friday, Nov. 13

Lancaster County Guernsey Breeders Annual Meeting, 7 p.m., Refton Fire Hall.

Lebanon Sheep to Shawl Contest, Lebanon Plaza Mall, 6:30 p.m.

Penn State Ag Service School, Embers, Carlisle.

Berks Club Calf and Heifer Sale, 7 p.m., Leesport Auction.

Saturday, Nov. 14

AKC dog trials, Farm Show Building.

Central Pa. Ayrshire Club Annual Meeting, 1 p.m., home of Carl Sweinhart, R1, New Enterprise.

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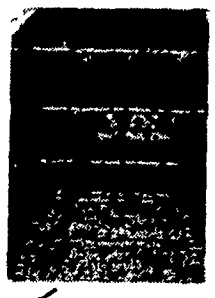

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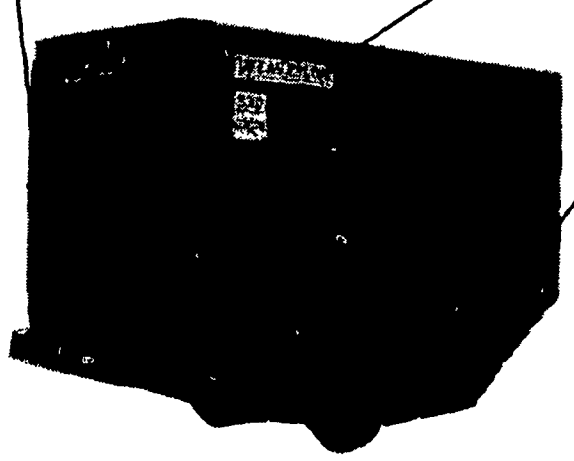

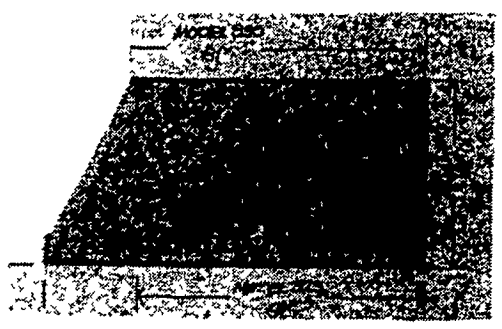

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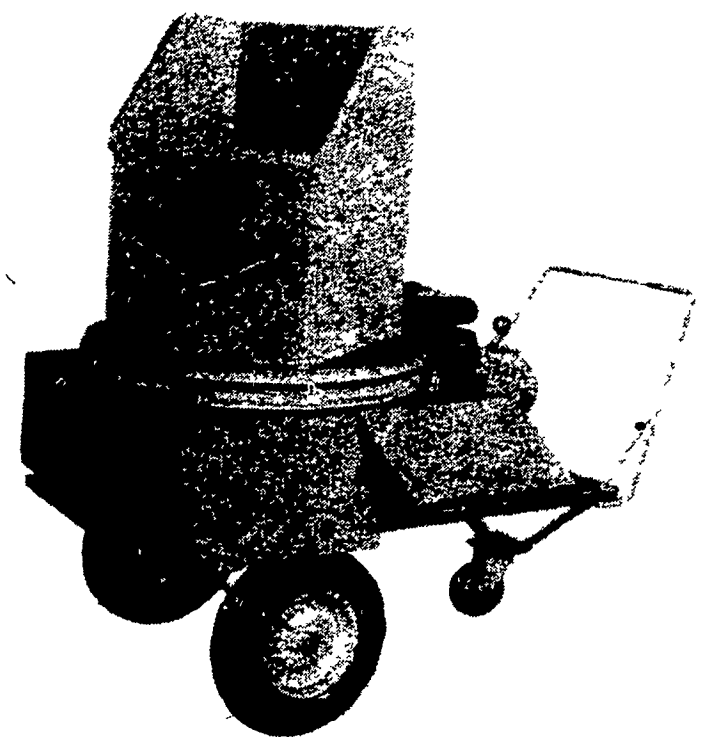

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Livestock market and auction news

Omaha Cattle

Thursday, November 5
Report supplied by USDA

Through midweek, Steers mostly 1.00 lower, Heifers .50-.75, instances 1.00 lower. Cows steady to .50 lower on limited receipts. Bulls steady.

Four Day Receipts	11,050
Last Week	10,925
Year Ago	12,475

Slaughter Steers made up 32 pct. of the estimated five day total, Heifers 24 pct. Yield grade continues to be a dominant price trade factor with 4-5 cattle under pressure. Cow receipts very small at around 3 pct. of supply but demand reflected down-trending dressed cow beef. Feeders, including Friday's auction, made up 39 pct. Around 400-500 head of fleshy 1000-1100 lb. Steers purchased during week for further feeding.

STEERS: At Midweek, two loads Choice 2-3 1231-1270 lbs. 60.00. Choice 2-4, mainly 3 1050-1250 lbs. 58.00-59.00, few loads 2-3 59.00-59.50. Choice and Prime 3-4 1100-1350 lbs. 56.00-57.50, those 56.00 with large percentage 4, load 4-5 54.00. Few Mixed Good and Choice 2-3 58.00-58.50, few Good 56.00-58.00. Holsteins in small supply, part load Good and Choice 2-3 56.00, load mostly good 55.00.

HEIFERS: Two loads and part load Choice 3 975-1000 lbs. 58.25-58.50. Choice and Mixed Choice and Prime 2-4 900-1100 lbs. 56.50-58.00, 3-4 56 00-57.00, few 4-5 1100-1150 lbs. 53.00. Few Mixed Good and Choice 2-3 56 00-56.50, few Good 54.00-56.00.

Average of detailed quotations for Choice 900-1100 lb. Steers 58.82; 1100-1300 lbs 58.85. Average cost Steers 58.68, average weight 1178 lbs. compared 59.71 and 1167 lbs. a week ago. Average cost Heifers 57.21, average weight 1035 lbs. compared 58.01 and 1027 lbs. a week ago.

COWS: High-Cutter, Utility and Comemrcial 1-3 36.00-38.00, some High-Dressing 39.00, few 40.00 early. Canner and Cutter 30.00-36.00.

BULLS: 1-2 1100-1800 lbs. 45.00-50.00, few high-dressing 1 50.50-51.00, individual 52.00.

FEEDERS: Medium Frame 1 fleshy Steers, Good and Choice Slaughter flesh 1000-1100 lbs. purchased for further feeding 58.00-61.25, closed 58.00 to mostly 59.00.

Carlisle Auction

Carlisle, Pa.
Tuesday, Nov. 3
Report supplied by auction

CATTLE: STEERS: Good 60.25-65.00; Standard 54.00-58.00. HEIFERS: Good 52.75-57.50; Standard 43.50-44.00. COWS: Utility & Commercial 40.00-42.85; Cutter 38.00-41.00; Canner & Low Cutter 35.00-40.00. BULLOCKS: Good 47.25-49.25.

FEEDER STEERS: 55.00-66.00.

CATTLE HEIFERS: 42.00-56.00.

BULLS: 47.00-53.00.

CALVES: VEALERS: Choice 80.00-94.00; Good 70.00-85.00; Standard & Good 65.00-75.00.

HOGS: Barrows & Gilts US No. 1-2 43.00-45.25; US No. 1-3 40.00-43.00. SOWS: US No. 1-3 39.00-42.50; No. 2-3 37.50-40.00; Boars 35.00-35.75.

FEEDER PIGS: US No. 1-3 18.00-25.00; No. 1-3 28.00-36.00.

Lancaster Co. Weekly

(Continued from Page A2)

BULLS: Yield Grade 1 1275-2000 lbs. 49.50-53.50, few 54.50-56.50, couple 58.50-60.75; Yield Grade 2 950-1350 lbs. 43.50-50.00, few 50.00-51.50.

VEAL CALVES: Vealers mostly steady, instances 5.00 lower on high Good and low Choice 60-115 lbs. Demand good for calves returned to farm.

VEALERS: Prime special fed 270-330 lbs. 112.00-118.00, 15 head lot bought to arrive at 130.00; Choice 140-290 lbs. 88.00-100.00, few 100.00-110.00; high Good and low Choice 140-300 lbs. 65.00-85.00, 115-140 lbs. 60.00-72.00, 80-1125 lbs. 45.00-56.00, few 56.00-63.00, 60-85 lbs. 35.00-48.00.

SLAUGHTER CALVES: Good & Choice 320-350 lbs. 43.00-55.00, few Choice 285-350 lbs. 55.00-62.00.

RETURNED TO FARM: Bulk 90-120 lb. holstein heifers 80.00-115.00, around 75 at 115.00-135.00; bulk 90-120 lb. holstein bulls 82.00-99.00, several 70-100 lbs. 60.00-80.00.

She used two great systems to produce 52,647 lbs. of milk last year.

Hers. And Beacon's System Six!

This is Maplegrand Rockman Meadow She has a lifetime production of 216,737 lbs of milk 7,528 lbs of fat since first calving That's an average of 95 4 lbs of production per day, including dry periods! What's more, last year alone, she produced over 52,647 lbs of milk and 1,925 lbs of fat for an average of 146 lbs of milk, for her 360 day lactation

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Livestock market and auction news

Weekly Summary

Friday, November 6
Report supplied by PDA

CATTLE: 4132. Compared with 5420 head last week, and 4238 head a year ago. Compared with last week's market: Slaughter steers weak to 1.50 lower; Sl. heifers steady to weak; Sl. cows weak to 2.00 lower; Sl. bulls uneven, mostly steady to weak. Sl. steers: few High Choice & Prime 62.00-65.50; Choice 60.00-63.00. Good 55.00-60.00; Standard 54.00-58.00. Sl. heifers: Choice 58.00-61.50; Good 54.00-58.00. Sl. cows: Utility & Commercial 35.50-42.50, mostly 37.00-40.50. Cutters 34.00-39.00; Canner & L. Cutter 27.00-36.00; Shells down to 20.00. Sl. bullocks; few Choice 61.50-63.25; few Good 51.50-58.75. Sl. bulls: Yield Grade No. 1, 1200-2000 lbs. 45.00-56.00; few Yield Grade No. 2, 900-1400 lbs. 43.00-50.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 300-700 lbs. 50.00-65.00. Heifers, Medium Frame No. 1, 300-600 lbs. 40.00-54.00; Bulls, Medium & Large Frame No. 1, 300-750 lbs. 40.00-55.00.

CALVES: 3538. Compared with 4090 head last week and 3386 head a year ago. Supply incl. farm calves. Vealers uneven Good & Choice steady to 5.00 higher, Standard & low Good weak to 5.00 lower. Few Prime; choice 80.00-105.00; Good 70.00-80.00, 90-110 lbs. 45.00-55.00; 70-90 lbs. 40.00-50.00; Utility 50-100 lbs. 25.00-45.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 65.00-97.00; Hol. Heifers 90-140 lbs. 70.00-135.00.

HOGS: 5748. Compared with 8348 head last week and 7241 head a year ago. Steady to .75 lower. US No. 1-2 200-240 lbs. 45.50-47.50 few down to 43.40. No. 1-3 200-255 lbs. 43.00-46.50; No. 2-3 220-280 lbs. 41.00-44.50. Sows steady to 1.00 lower. US No. 1-3 300-600 lbs. 40.00-46.00; few No. 2-3 400-700 lbs. 32.00-42.00. Boars 32.00-38.00.

FEEDER PIGS: 1179. Compared with 1520 head last week and 1831 a year ago. Feeder pigs steady to weak. US No. 1-3 25-35 lbs. 10.00-25.00 per head; No. 1-3 35-50 lbs. 16.00-34.00; No. 1-3 50-70 lbs. 34.00-41.00.

GRADED FEEDER PIGS: 1926. Compared with 2043 head last week, and 2505 head a year ago. All sales by CWT. Feeder Pigs 5.00-15.00 lower. US No. 1-2 20-40 lbs. 81.00-99.00, 40-50 lbs. 75.00-96.00, few down to 69.00, 50-60 lbs. 67.00-83.00, 60-70 lbs. 55.00-72.00, 70-85 lbs. 54.00-60.00; US No. 2-3 30-40 lbs. 66.00-98.00, 40-60 lbs. 45.00-65.00, 60-70 lbs. 52.50-58.50, 70-95 lbs. 44.00-53.00.

SHEEP: 609. Compared with 722 head last week and 404 head a year ago. Wooled sl. lambs steady to weak. Choice 60-115 lb. 40.00-55.00; Good 50-100 lbs. 35.00-50.00. Sl. ewes: 12.00-30.00.

Westminster Auction

Westminster, Md.
Tuesday, Nov. 3
Report supplied by auction

BUTCHER COWS: Steady to $1.00 lower. High Yield 40.50-42.00; Standard & Utility 38.00-40.50; Canners 35.00-38.00; Shelly 35.00 Down. Bulls Few Med. to Good 1500 lbs. to 47.50; Steers Choice 950-1150 lbs. 59.00-63.00; Good 55.00-60.00; Heifers 2 Choice 800-950 lbs. 60.00 & 61.00; Good 53.00-58.00.

BUTCHER HOGS: Prices lower. US #1&3 one lot to 43; 240-260 lbs. few to 43.25; 195-210 lbs. 42.75-43.75; Sows US 1&2 500 lbs. up 43.75-44.00; 350-500 lbs. 41.00-44.50; Boars 500-650 lbs. 35.50-36.50.

VEAL CALVES: Only small calves offered. Good & Choice 75.00-85.00; Standard 65.00-75.00; Stocky & Thin 40.00-60.00; Killers 80-100 lbs. 54.00-60.00; Weak & Rough 54.00 Down.

CALVES RETURNED TO FARM: Demand weak. Holstein Heifers few 90-100 lbs. 65.00-72.00; Holstein Bulls 90-120 lbs. 60.00-70.00; Mainly 60.00-65.00; Beef Type 75-100 lbs. 60.00-80.00.

LAMBS: Good 90-110 lbs. 36.00-38.00; Feeders 50-75 lbs. 24.00-30.00.

STOCK CATTLE: Good run, Active bidding & higher prices. Steers Choice 300-500 lbs. 57.00-63.00; Good 53.00-58.00; Med. 45.00-53.00; Choice 500-700 lbs. 54.00-58.00; Good 50.00-54.00; Med. 42.00-50.00; Choice 700-905 lbs. 57.00-62.50; Good 53.00-57.00; Holsteins 45.00-50.00; Heifers Choice 300-500 lbs. 49.00-54.00; Good 40.00-49.00: Choice 500-700 lbs. 47.00-50.00; Good 40.00-46.00; Bulls Few light weights to 55.00.

PIGS AND SHOATS: Good run, steady prices. By the Head 15-30 lbs. 13.00-23.00; 30-60 lbs. 23.00-30.00; 60-90 lbs. 27.00-41.00; By the lb. 95-160 lbs. 38.00-44.00.

Leesport Auction

Wednesday, November 4
Report supplied by auction

CATTLE 276. Compared with last Wednesday's market, slaughter steers $1-$1.50 lower. Slaughter cows $1-$2 lower. High Choice & Prime slaughter steers 61.00-64, Choice 57.00-61, Good 54-57.50, Standard 48.00-54. Choice slaughter heifers 57.00-60, Good 50.00-55. Utility & Commercial slaughter cows 38.00-40, few 42.50, Cutters 35.00-38, Canner and Low Cutters 28.00-34. Yield Grade No. 1, slaughter bulls 48-58.50.

CALVES 120. Vealers about steady. Choice vealers 85.00-103, Good 70.00-80, Standard and Good 110-130 lbs. 50.00-70, 90-110 lbs. 50.00-75, 65-90 lbs. 40.00-55. Farm Calves: Hol. Bulls 100-120 lbs. 75.00-95; Hol. Heifers 100-110 lbs. 95.00-110.

HOGS 267. Barrows and gilts 50 cents to $1 lower. US No. 1-2 barrows and gilts 46.50-47, No. 1-3 45-46.50. US No. 1-3 300-600 lbs. sows 42.00-46.

FEEDER PIGS 191. US No. 1-3 20-35 lbs. feeder pigs 75.00-85 per hundredweight, No. 1-3 35-50 lbs. 70.00-90 Cwt.

SHEEP 44. Wooled slaughter lambs $2-$3 higher. Choice wooled slaughter lambs 55.00-60, Good 48.00-52. Slaughter ewes 15.00-28.

GOATS 32. $18.00-53.

New Holland Horse

Monday, Nov. 2
New Holland Sales Stables
Report supplied by auction

Reported receipts of 251 head of horses, mules, and ponies. Market: steady.

Better horses 550.00-940.00; Driving horses 350.00-900.00; few Registered horses 850.00-1125.00; Riding horses 300.00-475.00; Lightweight killers 325.00-475.00; Heavyweight killers 525.00-625.00; Mare ponies 35.00-115.00; Pony Colts 15.00-55.00; Geldings 35.00-115.00; Larger ponies 150.00-305.00.

Belleville Auction

Wednesday, November 4
Report supplied by PDA

CATTLE 137. Compared with last Wednesday's market, slaughter cows 75 cents to $1.50 lower. Individual Good slaughter steer at 58.00, few Standard 48.75-52.85. Utility and Commercial slaughter cows 35.50-39, one 41.60, Cutters 32.25-36.10, Canner and Low Cutters 27.00-32, Shells down to 25.50. Yield Grade #1, 1050-1700 lbs. slaughter bulls 39.25-49.25.

CALVES 173. Vealers grading Standard and Low Good $10 lower. Choice vealers, individual's 92.00 and 95.00, Standard and Good 70-100 lbs. 43.00-53, few Utility 50-80 lbs. 35.00-45. Farm Calves: Hol. Bulls 85-125 lbs. 53.00-76, few to 85.00.

HOGS 147. Barrows and gilts about steady. US No. 1-2 210-230 lbs. barrows and gilts 46.50-47.50, one lot 48.50, No. 1-3 220-240 lbs. 43.35-45.85. Few US No. 1-3 265-680 lbs. sows 39.50-44. Boars 32-36.25.

FEEDER PIGS 311. US No. 1-3 10-15 lbs. feeder pigs 10.50-17.50 per head, No. 1-3 20-35 lbs. 19-25.50, No. 1-3 35.50 lbs. 23.00-33 per head, one lot No. 1-3 75 lbs. at 36 per head.

SHEEP 21. Few Choice 55-75 lbs. wooled slaughter lambs 50.00-54. Slaughter ewes 12.00-27.

GOATS 13. $24.00-44 per head. HOLSTEIN DAIRY COWS $520-$1425 PER HEAD, ONE TO $1625.

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NPPC awards research grants

DES MOINES, Ia. — Research grants totaling over $180,000 were recently awarded by the research and Education Committee of the National Pork Producers Council.

"We were able to select 26 excellent projects from the over 100 proposals submitted," said Jack Rundquist, Chairman of the Research and Education Committee.

Rundquist explained that the amount of money available determines the number of projects that can be funded, but that each producer has a voice in determining the individual projects selected through the NPPC producer poll.

"Each year, we ask producers what they consider to be the most important funding areas, and which diseases are considered to cause the most problems," he said. "Then, based on the results of this poll, we are able to see where to funnel the money to most appropriately respond to the producers' needs."

The 26 projects designated for funding, fall into seven catagories and are listed:

Baby pig and weaning management

- Behavior of Piglets Weaned at 2, 3, or 4 Weeks of Age; Dr. H.W. Gonyou, University of Illinois; to identify the time required before eating solid feeds, the behavior patterns, scours incidence, and belly biting associated with different weaning ages.

- The Role of the Hormone Relaxin in Parturition and Live Birth of Piglets; Dr. N.L. First, University of Wisconsin; second year funding to determine the effects of various hormones on the uterine cervix.

Consumer Products and Processing

- Methods of Decreasing Aflatoxin Levels in Tissues of Pigs Fed a Contaminated Diet; Dr. A.M. Pearson, Michigan State University; to find the level of aflatoxin in the tissues of pigs fed aflatoxin in the diet and how much time it takes for the pig to clear the aflatoxin.

- Oxidative Rancidity in Fresh Pork; Dr. M.D. Judge, Purdue University; second year funding to determine what protects prerigor ground pork from oxidative randicity and how long the flavor and juiciness will persist in the product.

- Inhibition of N-Nitrosamine Formation in Bacon and Other Cured Meat Systems; Dr. J.I. Gray, Michigan State University; to study alternative approaches to curing which will inhibit botulism formation but will also supress the formation of harmful nitrosamines.

- Effects of Processing Procedures, Reduced Levels of Sodium Nitrite and other Additives on N-Nitrosamine Content and Quality of Dry, Salt-Cured Bacon; Dr. M.E. Bailey, University of Missouri; to study different processing methods with alternative curing agents and their effects on nitrosamine formation, flavor, color, and storage ability.

Health Improvement

- The Realtionship of Endotoxin, The Immune System and Perinatal Disease in the Sow and Neonatal Piglet. Dr. F.G. Ferguson, Penn State; to determine how large a dose of coliform endotoxin it takes to produce an MMA type snydrome and to be able to measure the endotoxin in the pig and the sow.

- Determination of the Sensitivity of PRV Serological Tests and the Influence of Antibodies

(Turn to Page A27)

Livestock market and auction news

St. Louis Sheep

Thursday, November 5
Report supplied by USDA

Wednesday's weekly sheep auction. Receipts around 450 head. Compared last Wednesday, slaughter lambs 3.00-4.00 lower. Not enough other classes on offer for an adequate price test.

SHORN SLAUGHTER LAMBS: Choice and Prime 95-110 lb. with mostly No. 1-2 pelts 47.00-49.50. Lot Choice 96 lb. 44.00.

WOOLED SLAUGHTER LAMBS: Choice and Prime 85-125 lb. 45.50-48.50. Few Choice 90-100 lb. 42.00-45.50.

SLAUGHTER EWES: Few Utility and Good 10.00-11.50.

FEEDER LAMBS: Few small lots Choice and Fancy 70-80 lb. 44.50-47.00. Few Choice 50-80 lb. 39.00-42.50. Lot Mixed Good and Choice 80 lb. 37.50.

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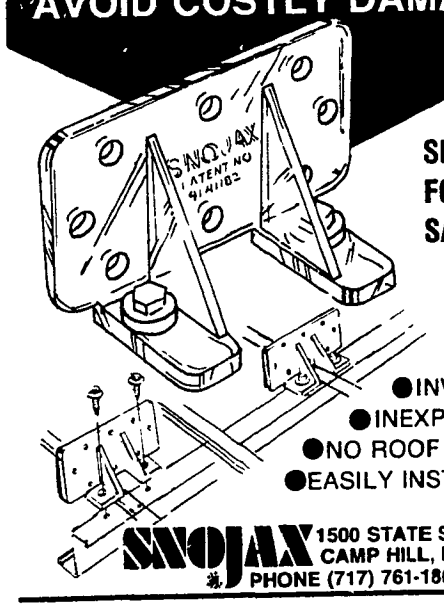

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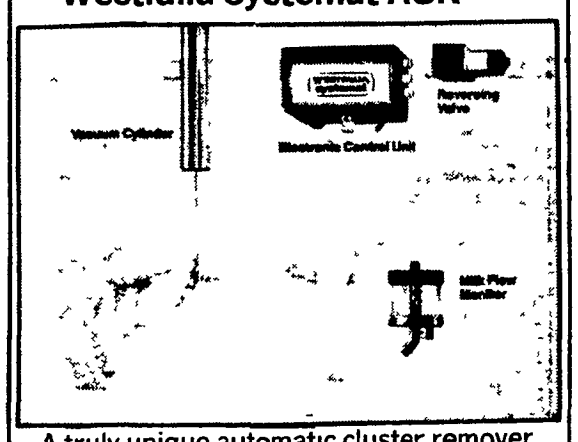

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Farm Bureau vice president addresses PFA annual meeting

HERSHEY — "A good farming future — and a good economic future for the entire country — lies in a change in national priorities," stresses Cecil Miller, vice president of the American Farm Bureau Federation. Miller will address the 31st Annual Meeting of the Pennsylvania Farmers Association Monday evening at the Hershey Lodge and Convention Center.

PFA leaders are gathering next week to adopt policies on statewide farm issues and to elect officers.

Keith Eckel, current president of the Pennsylvania Farmers' Association will address the statewide farm organization's during the Tuesday luncheon. Eckel, who operates a dairy and vegetable farm in Lackawanna County in partnership with his father and brother, says everyone has a stake in a healthy agricultural economy.

He notes that agriculture and its related agribusiness is the second largest industry in the Commonwealth and is responsible, directly or indirectly, for one out of every five jobs in Pennsylvania. The story is the same nationwide, Eckel says, "The American farmer produces enough food and fiber to supply the needs of 65 people. The average American worker spends less than 17 percent of the take-home pay to buy food," he adds.

One reason why food is so relatively inexpensive, Eckel says is because farmers are very productive. "American agriculture has a productivity growth rate five times that of non-farming businesses in the U.S. during the past five years," he adds.

In addition to Eckel, the convention will also hear an annual report from PFA's Administrative Secretary, Richard Newpher.

The PFA Women's Committee will host a panel discussion on the animal welfare issue, Tuesday afternoon. Voting delegates will also meet in morning and afternoon sessions to continue deliberations on policy suggestions.

Tuesday evening, the PFA Distinguished Service to Agriculture Award will be presented during a special awards banquet. The 1981 All-Star county association award winners will also be recognized for excellence in PFA programs.

The 31st Annual Meeting concludes Wednesday with the adoption of state policies on issues affecting agriculture and the election of officers.

One hundred seventy-two voting delegates representing PFA's 54 county associations will be deciding on 1982 policies following three days of deliberation.

In addition, delegates will elect a candidate to complete one year of an unexpired two-year term as PFA president and will also elect a candidate to the office of PFA vice-president for a full two-year term.

Eckel is currently serving an unexpired term as PFA president and D. Eugene Gayman, of Franklin County is completing his second full term as PFA vice-president.

Delegates will also fill nine vacancies on PFA's 16-member State Board of Directors.

Directors whose terms have expired and the county farmers' associations they represent are: James Cappucci of Mehoopany (Susquehanna, Wayne, Wyoming, Lackawanna); Arthur Hershey of Cochranville (Chester, Delaware, Berks, Montgomery); Frederick Tiffany of Athens (Bradford, Sullivan, Tioga, Potter, McKean); Russell Hummel of Selinsgrove (Snyder, Union, Montour, Northumberland); Horace Waybright of Gettysburg (Franklin, Fulton, Adams, Cumberland); Joseph Johns of Davidsville (Blair, Bedford, Somerset); Mrs. Richard Rhoades of Emlenton (Jefferson, Clarion, Elk, Armstrong); and Elder Vogel of Rochester (Butler, Lawrence, Beaver, Mercer). An election will be held for an unexpired term, currently held by Fred Slezak of New Alexandria representing Westmoreland, Greene, Washington and Fayette counties. In addition, eight vacancies on PFA's State Women's Committee will be filled.

Pa. receives interim payments from nat'l forest receipts

WASHINGTON, D.C. — Forty states and Puerto Rico will receive a total of more than $171 million as an interim payment of their share of national forest receipts for fiscal year 1981, Secretary of Agriculture John R. Block announced recently.

The checks represent about 75 percent of the total amounts due the states as their share of receipts collected by the U.S. Department of Agriculture's Forest Service for the use of national forest products and services during the fiscal year.

Block said the remainder of the funds due to the states will be paid in early December, when the actual receipts for the fiscal year have been computed.

"We expect the total payments made to states this year will be more than $228 million," Block said.

By law, 25 percent of the revenues collected by the Forest Service from timber sales, grazing, recreation, mineral and land use charges on the national forests are returned annually to the states where those lands are located. The funds are to be used for schools and roads.

In March, the Forest Service assists the states in their budget planning by estimating the amount owed each state for the year. Then in October, the states receive an interim payment representing 75 percent of the estimated total they are owed so the states can receive funds as soon as possible after the end of the fiscal year.

The five states receiving the largest interim payments are Oregon, $71.5 million; California, $28 million; Washington, $23.5 million; Idaho, $7.1 million, and Montana, $5.6 million.

The interim payment and the estimated total amount to be received by Pennsylvania from the 1981 national forest receipts are: 486,000.01 and 648,000.01 respectively.

WATER WAR RAGES

Fellow Pennsylvanians:

HB 1483 IS NOT DEAD but it is mortally wounded Supporters of this insidious bill have received a serious setback. In spite of support for HB 1483 by the Grange leadership, the 800 voting delegates to the annual session voted TO OPPOSE HB 1483. Congratulations GRANGE members

Because of my advertisements and public appearances exposing the exact language, word for word and page upon page of this insidious legislation, I have been accused of making HB 1483 a controversial bill. So be it GOD has been good to America. GOD has been good to me. Mrs Watson and I have worked and saved and own 'free and clear' 150 acres and no one is going to tear down my flag or burn my deeds or steal my water rights without a fight-to the bitter end. So be it.

Thank you for the thousands of letters of encouragement This is your battle too. You must alert others to the dangers in HB 1483. It is lifted right out of the communist doctrine of STATE CONTROL OF ALL PROPERTY. An ex-state senator, who slithered around in the mire of water legislation for several years is now proposing that the new name for this bill shall include the word "emergency".

Hitler took control of Germany with 'emergency' powers. And did Mao and Castro and today the soviets are exercising 'emergency' power in Poland where soldiers are 'fanning' out into the rural areas. Well HB 1483 will empower the governor to send out 'agents' with search warrants to "gain free and unrestricted access" to our property.

Majority Caucus Chairman Fred C. Noye put his finger on the culprit in withdrawing his name as a sponsor when he said, "It looks like DER tried to pull a fast one on us and many of us put our names on it trusting in their judgement". Representative Bittle of Franklin County seems to be the only spokesman for HB 1483.

Majority leader Samuel E Hayes, Jr. says, "This is a bad bill".

Governor Thornburgh is still pushing for passage of HB 1483. You can write the governor at The Main Capitol, Harrisburg 17120 or call the hot line 1-800-932-0784.

Ask your Representative for a copy of HB 1483-it's free and you must read it. YOU must let your voice be heard Thank you again for participating-if you need additional information, please write me.

Sincerely,
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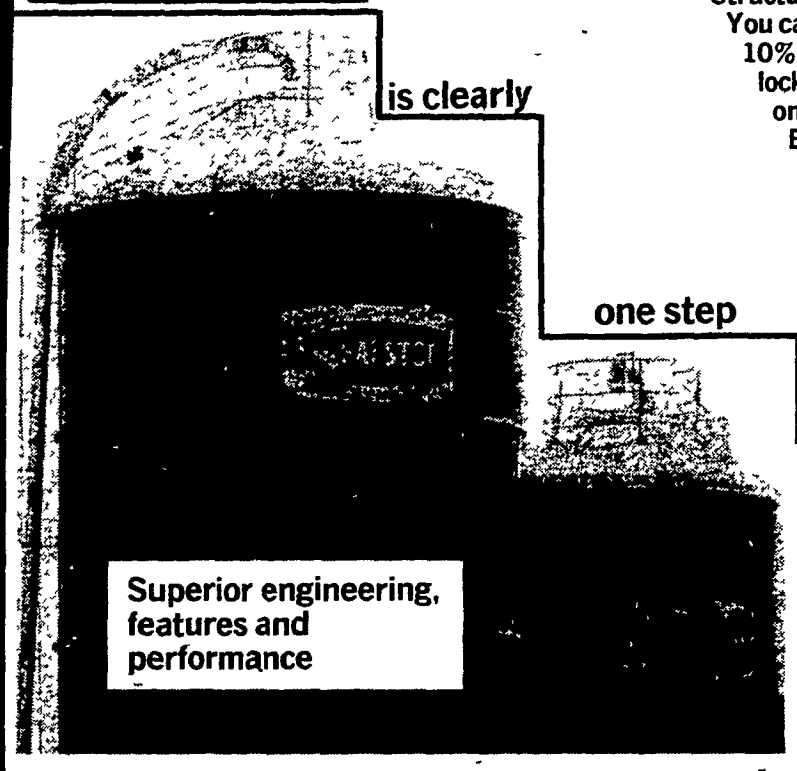

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N.Y. livestock dealer is fined $12,000

NEW YORK, N.Y. — Gilbert Kapp, New Berlin, N.Y., has been fined $12,000 by the U.S. District Court in Syracuse, and permanently enjoined from operating as a livestock dealer without furnishing a bond as required by the U.S. Department of Agriculture.

Kapp, registered with USDA as a dealer to buy and sell livestock in commerce, operates in central New York.

B.H. (Bill) Jones, P&S administrator in Washington, D.C., said the P&S Act requires that livestock dealers and market agencies furnish a valid bond to secure their livestock obligations.

The P&S Act is a fair trade practices law administered by the Packers and Stockyards Administration. It promotes fair and open competition in the marketing of livestock, meat and poultry.

Mason-Dixon holds first P. Hereford sale

ACCIDENT, Md. — an enthusiastic crowd in attendance.

The first sale of the Mason-Dixon Polled Hereford Association held recently here at the Farm, Fairfield, purFriends Stockyard had chased the top selling female SSS Miss Jogger 9106 with a heifer calf by Darcey, Spring Bottom Hurrah for $2,100.

The largest volume buyer was Suzzane Schmidt of S and J Ranch at Monkton, Maryland who purchased seven females. The "Union and Friendship Farm" of James and Tom Watson,, Westernport, Maryland purchased three lots as did the "Fly-back" farm of Everett and Tom DeBerry of Mt. Lake Park, Maryland.

Thirty six female lots sold for an average of $596.78, five bull lots an average of $564 and eight steer lots of an average of $328.12.

According to the president William H Buser, the Board of Directors will be holding its next regular meeting on Thursday, Nov. 12, at 7:30 p.m. at the Garrett Community College. On the agenda will be an evaluation discussion of the sale, with finalization of the Mason-Dixon Association activities for the next year.

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'Down-Under' Shorthorns build top-notch herd

BY BETH HEMMINGER
Staff Correspondent

NEWVILLE — "At Three Springs Farm, we are partial to red cows," said James Young, owner and breeder of a top-notch Ilwara Shorthorn herd, a line developed in Australia.

Young can be described as a maverick Milking Shorthorn breeder and an innovator in the milking industry. "It has all been part of my heritage," he said.

"My father was a true maverick, striking out on his own to start farming and selecting an "underdog" breed, the Milking Shorthorns, to raise and milk. But he taught me the value and benefits of the red and roan beauties," said Young.

The Milking Shorthorn herd at Three Springs Farm began in 1942 with one white bull calf named Minstrel. Harold and Mary Young, founder of the Three Springs herd, bought the calf from well-known Pennsylvania Shorthorn breeders, the Frazier sisters in Lockhaven. James remembers being told as a boy that Minstrel rode home in style—in the backseat of a 1937 Chevy. Several months later, two heifers were added to begin the Three Springs' dynasty.

Queenie was the first heifer calf to carry the Three Springs prefix and eventually became the foundation of the herd.

Why, with the other dairy breed choices, did the Youngs choose Milking Shorthorns, then and now?

"Well, my father felt the Milking Shorthorn's dual capacity for milk and meat was a great advantage compared to other breeds of that time. The Shorthorns also are easy feeders, hardy and have a calm disposition, which can not be the claim-to-fame of any of the other breeds," remarked Young.

"Also, uniqueness played a part in his selection. He wanted to prove to other breeders that the Milking Shorthorn could be competitive in the milk market."

Young admitted, "I wasn't quit as loyal to the red cows at first; when I joined my father in farming we made a switch to the Holstein breed." Young commented that he was mildly disappointed with their performance compared to the Shorthorns.

Shortly after the switch James said he reevaluated the favorable characteristics of Shorthorns that his father pointed out to him, and said, "I realized that the grass wasn't greener on the other side."

In the early 1970s, Three Springs Farm returned to the Milking Shorthorn breed, but with an added flair, the Ilwara Shorthorns. The breed needed a boost at that time and these Australian Shorthorns were the answer, Young explained.

With confidence and an independent spirit, Young was one of the first breeders to use the semen brought from Australia by three Shorthorn breeders. The Australian dairymen developed the new Shorthorn strain to withstand the country's harsh terrain, very hot and frigid weather, along with enormous swarm of insects. Young explained the original dual-purpose Shorthorn could withstand this type of terrain, but the Australians wanted a stronger milker. Now, with the Ilwaras, they have the combination they were looking for.

Compared with the dual-purpose Shorthorns, the Ilwaras have changed physically, they are sharper, leaner and have more dairy character, while retaining all the other outstanding qualities that make the Shorthorn breed unbeatable by Young's standards.

In 1971, Three Springs Farm celebrated the birth of their first Ilwara heifer. A purchased cow, Green Vista S.V.P.P. Peggy, has become the "roots" of the Three Springs Ilwara herd.

Peggy has produced an excellent show herd for the farm. At the 1981 All-American Dairy Show, Young captured every championship title—junior champion heifer, grand champion cow, junior champion bull and grand champion bull.

During the show year, Three

(Turn to Page A25)

After a short diversion to Holsteins, the Youngs switched back to milking Shorthorns and started incorporating some Australian bloodlines to improve the dairyness and milk production of the original, dual-purpose breed. Forming the foundatin of their present Ilwara herd is Green Vista S.V.P.P. Peggy.

Carrying on the family tradition, Peggy's daughter, T.F.P. Peggy displays the desired dairy character and udder that was selected for in the Ilwara breeding, along with improved hardiness and milk production.

Cumberland County's 'maverick' Shorthorn breeder, James Young, scoops out silage to his barnful of Milking Shorthorns. The breeder confesses he's partial to "red cows." His herd of 40 head boasts a number of showring winners, both on the state and national level.

Three Springs Farm's Elwood Promise Rena brought fame to the Pennsylvania Shorthorn breeder when she earned a national championship and was selected as the top aged cow at Harrisburg's All-American Dairy Show and the National Show held at Madison, Wisconsin.

How to store pesticides safely?

MEDIA — The usefulness of a pesticide may be lost with time and the methods used for storage.

This information represents general ranges, since shelf life is determined by storage conditions, stability and formulation.

James J. McKeehen, Delaware County Extension Agricultural Agent advises you keep temperatures below 100° Fahrenheit and do not allow liquids to freeze. Retain materials in original containers, tightly sealed. Every chemical company contacted recommended not storing pesticides longer than two years; in fact, most companies will not take back their products after this time.

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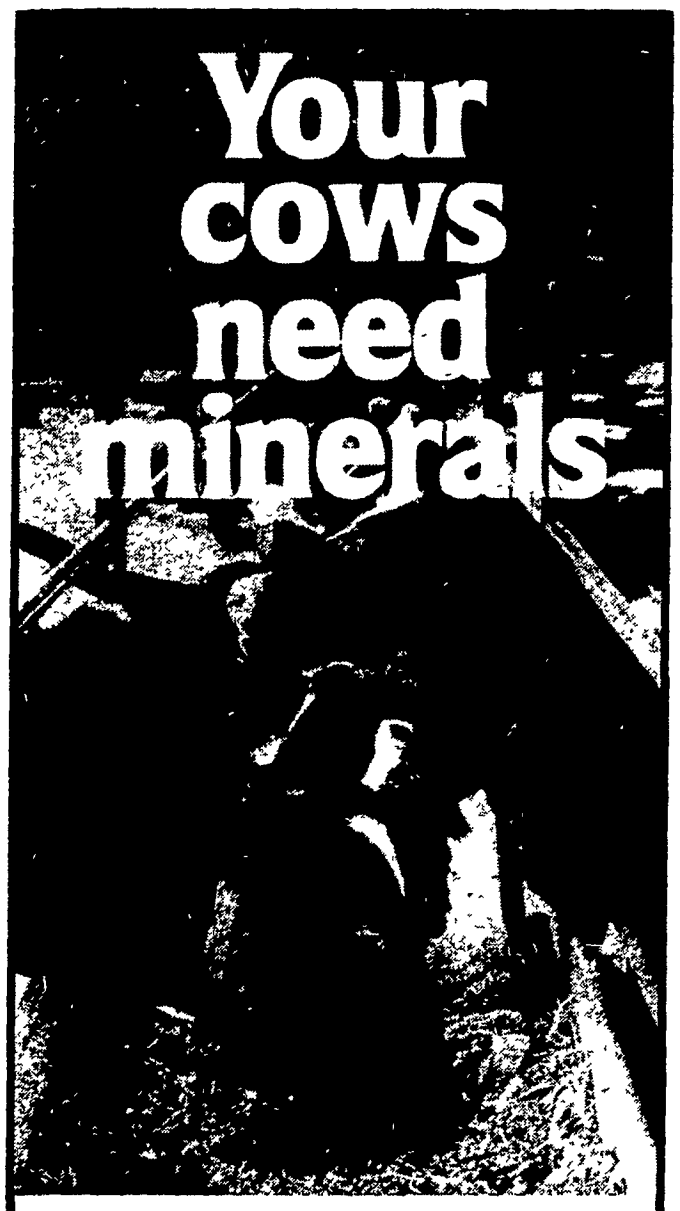
Malathion WP	Indefinite	Decomposes under high temperatures
Metasystox R	2	
Methoxychlor WP	Indefinite	
Imidan WP	2 3	
Benlate WP(Benomyl)	2	Keep Dry
Captan WP	3	
Dacthal WP	At least 2	
Round up liquid	At least 2	Stable below 140°F do not freeze



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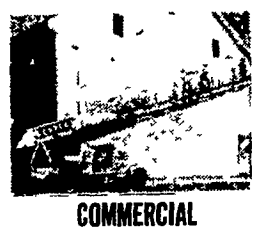

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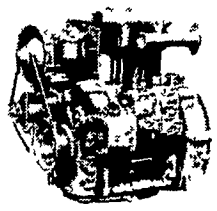

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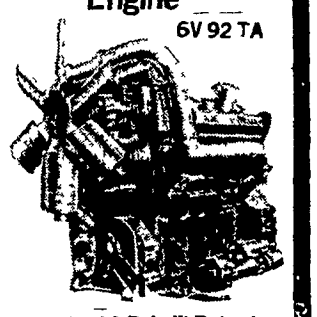

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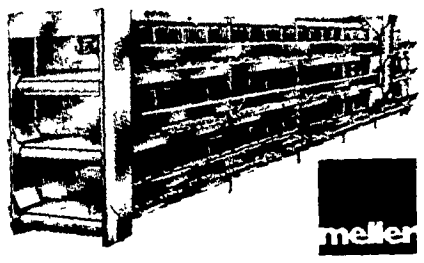

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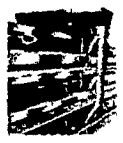

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Stoneylawn dairy takes cha

BY DONNA TOMMELLEO

MIDDLETOWN — One January night, eight years ago the Howard Kopps of Stoneylawn Holstein Farm, lived through what every farm family dreads — a barn burning.

Fire swept through their one-story barn, leaving nothing but a foundation, a feed trough and stanchions.

Howard and sons Jay and Ronald managed to save all the animals. It was only in going back for a tractor that Howard was burned and had to spend time in a hospital.

Jay's wife Anne was at their house, which is separated from the main farm by several fields. The night the barn burned was one she'll never forget..

"I was looking out a window toward the farm when my father-in-law must have opened the barn door. When I saw the flames I couldn't believe it and felt as if I just wanted to crawl in bed and pretend it didn't happen," she said.

But it did happen. And when the smoke cleared the Kopps were faced with picking up the pieces.

Although the tragedy proved to be a "financial loss," explained Jay, his hearty herd of Holsteins had little trouble adjusting.

"The cows seemed to come right back once they got adjusted to the smell," he said.

The Kopps covered the foundation with heavy plastic and tires and continued to milk the herd under the temporary roof for a few days.

Later, the herd was scattered in three different farms during construction of the new facility. With the help of neighbors and an Amish carpenter crew, the Kopps watched the new barn take shape.

Mother nature even pitched in that year and provided a mild winter and eventually the Stoneylawn Holsteins settled into their new barn, complete with double-eight herringbone parlor.

But it seems that the Kopps' big Black and Whites will settle just about everywhere — Saudi Arabia, Germany and around the U.S.

Merchandising contributes about 25 percent of the income on the 400-acre farm, Jay estimated.

"We just couldn't milk enough for three families," he said.

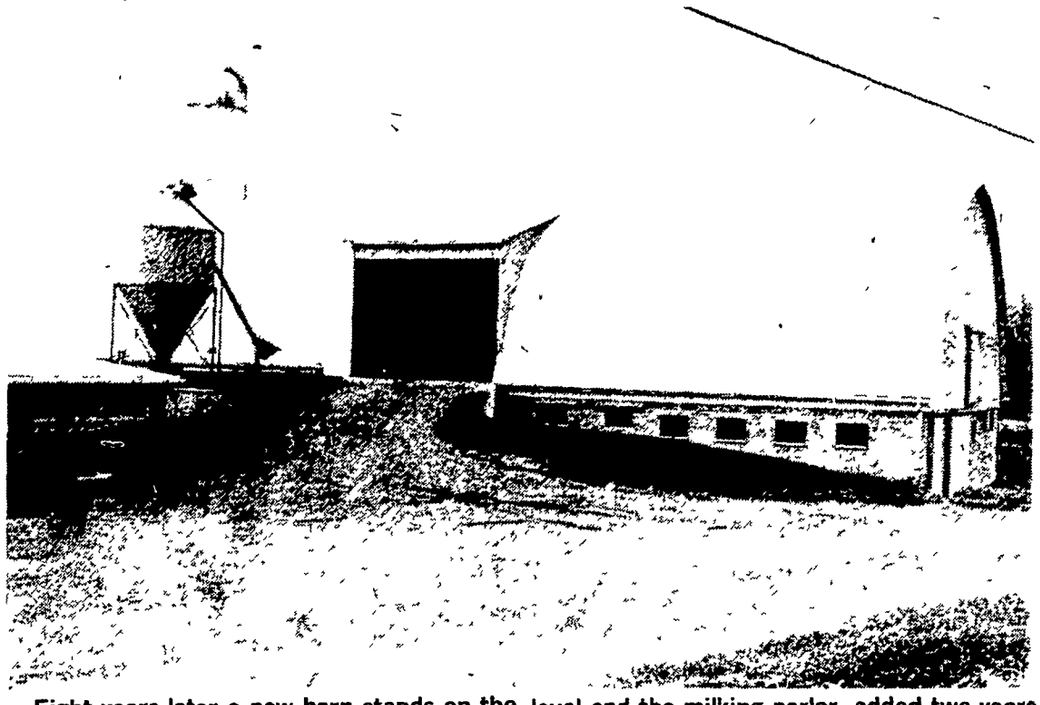
And that's one of the reasons, Jay explained, that every one of the 100 milk cows and 100 head of young stock have a price tag for interested parties.

Merchandising also helps spread the word about the Stoneylawn genetics.

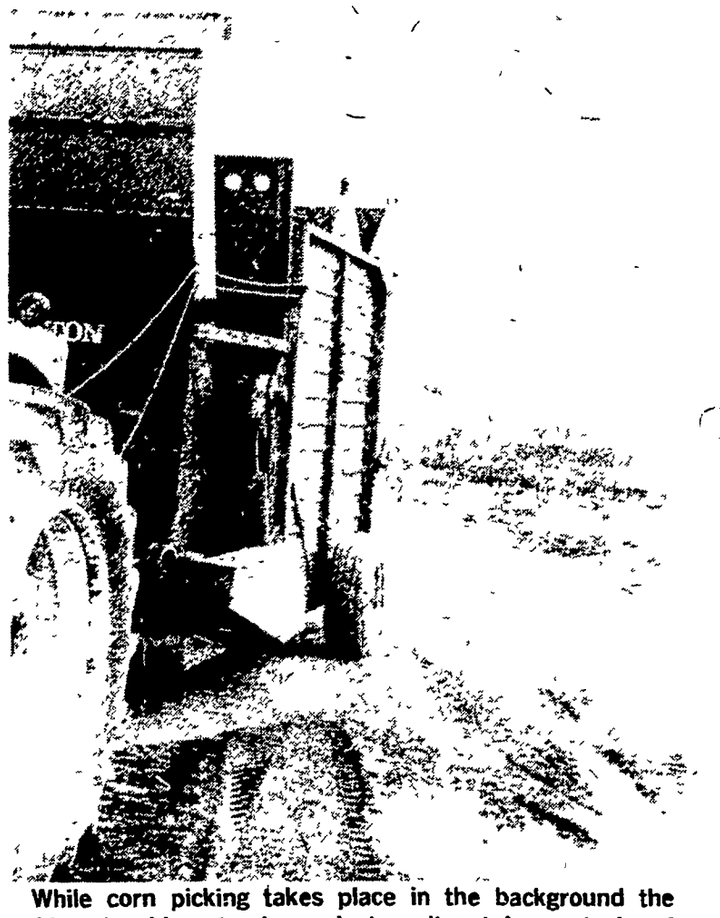
If someone were to peek into the Kopps' semen tank they would find Glendell, Sexation, Mars, Elmer and Jet Stream to proven bulls ma more, but Jay sai spent.

"We like to b resalable sires," h

One such popula



Eight years later a new barn stands on the existing foundation of the destroyed structure. The young stock are now housed in the first level and the milking parlor, added two years after construction is to the left.



While corn picking takes place in the background the fodder shredder stands ready to spit out huge stacks of bedding. The Kopps share the money-saving machinery with a neighbor

At the other the Stoneylawn ration includes shelled corn an

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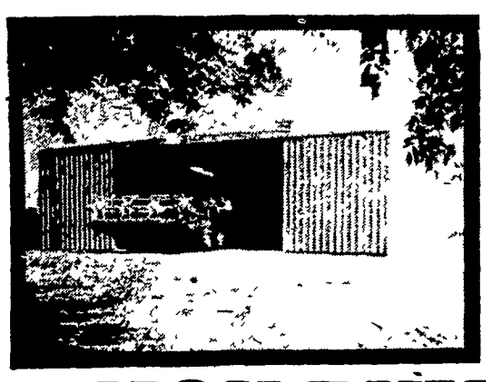

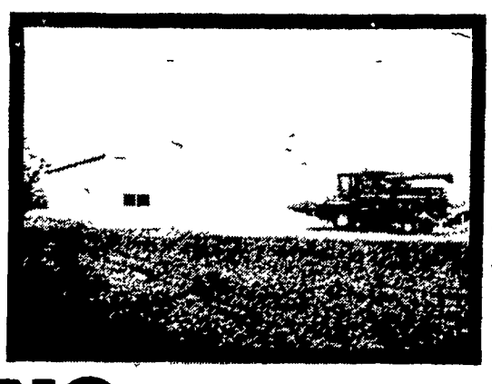

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dairy takes change in stride

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parties.
ndising also helps spread
about the Stoneylawn

ne were to peek into the
nen tank they would find
Sexation, Mars. Elmer

and Jet Stream to name a few. The proven bulls may cost a little more, but Jay said it's money well spent.

"We like to breed to popular resalable sires," he explained.

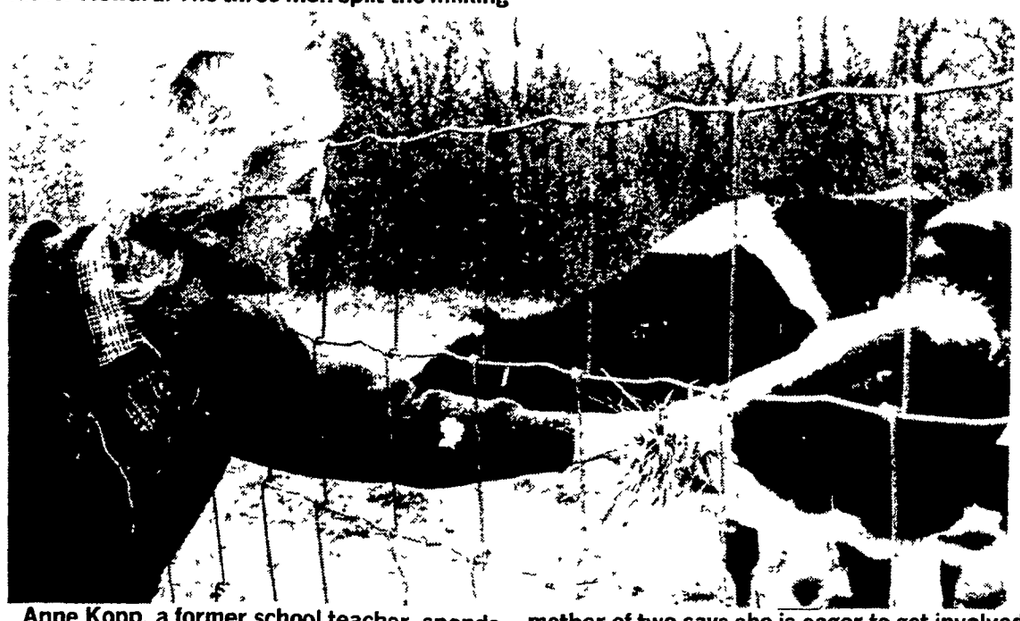
One such popular sire that many Holstein breeders find in high demand these days is Stoneylawn Paclamar Leprechaun, a Boot-maker son out of an Arlinda Chief. The bull, bred by the Kopps, is standing stud at ABS.

(Turn to Page A32)

he background the
out huge stacks of
ving machinery with

At the other end of this feed bunk, an auger mixer blends the Stoneylawn ration for the milking herd. The total mixed ration includes alfalfa haylage, corn silage, high moisture shelled corn and a 40 percent protein concentrate.

The working force of the Stoneylawn dairy is comprised of, left to right, Jay, Ron and their father Howard. The three men split the milking chores evenly and Jay and Ron are responsible for the breeding program.



Anne Kopp, a former school teacher, spends some time with a four-legged friend. The mother of two says she is eager to get involved in 4-H when her children are old enough.

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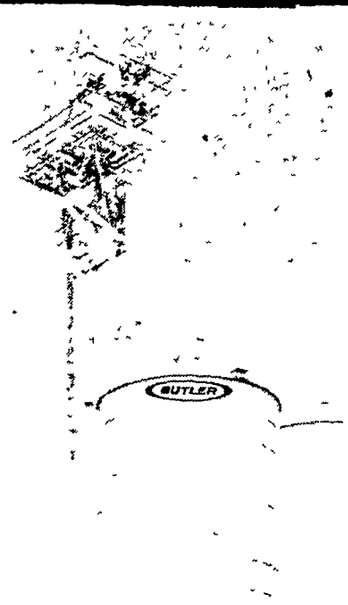

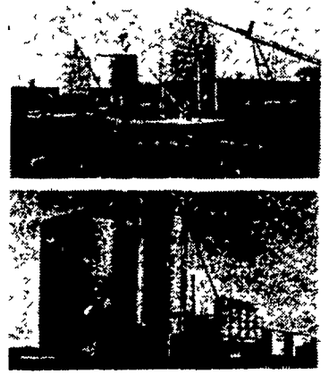

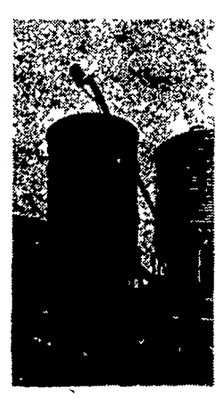

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Newly reorganized board of directors includes, seated from left, President Lamar Witmer, Vice President Gregory Landis, Secretary Joe Wivell and Treasurer Dale Peifer. Standing are Nathan Stoltzfus, Harold Shellenberger, Roger Mills, Robert H. Kauffman, Earl Stauffer, and John Barley.

Holstein Assn. honors breeders

(Continued from Page A1)

Witmer was commended for recruiting 17 new members

President Nathan Stoltzfus presented a plaque to Jay Landis, in recognition of his 14 years as a 4-H leader. Glenn Shirk, Lancaster County Agent, thanked the whole group for its support of the 4-H program through the year.

Doug Hershey from the State Association office urged breeders to consider consigning animals to the Ag Arena sale on December 11. This is the final week for consignments for this fund-raising project.

Hershey also announced that the state goal for the Lancaster County group is 734 total members.

State Director Robert H. Kauffman thanked those who helped reach last year's goal and reminded members to renew their memberships now. He told breeders that the state convention will be held February 25, 26 and 27 at the Mariott in Harrisburg, with the convention sale being held on the evening of the 25th.

Lancaster County Dairy Princess Deb Greider delighted the audience by presenting a small portion of the program she has prepared for elementry school groups and telling of her activities.

Entertainment was provided by Ken Hussar, a fifth grade elementary school teacher in the Penn Manor school district.

The banquet committee included John Barley, chairman, Ken Myer and D. Lamar Witmer.

Lancaster County's Dairy Princess Deb Greider congratulates Steve Kauffman, left, and Arlen Keener on their milk and fat production awards. Both young men are from Elizabethtown.

President Nathan Stoltzfus presents a plaque to retiring 4-H leader Jay Landis in recognition of his 14 years service.

USDA sees federal-state partnership as important

HANNIBAL, Mo. —, American agriculture's success story is due in large part to excellent research and to the widespread dissemination of the knowledge and techniques learned through research, Anson R. Bertrand, U.S. Department of Agriculture director of science and education, said today.

"Starting in the 19th century — with the Hatch Act of 1887 and several other landmark pieces of legislation — this has been accomplished by a unique partnership arrangement between the U.S. Department of Agriculture, individual state and county governments, and the land grant colleges and experiment stations," he said.

Speaking here at the dedication of a memorial to William Henry Hatch, sponsor of the legislation which authorized a national system of state experiment stations, Bertrand said we cannot be content with our past successes nor wait for the future promises of great scientific breakthroughs in agricultural research.

"We must deal here and now with the urgent problem needs on the agricultural front," he said. He identified the priorities as increasing productivity, conserving national resources and increasing agricultural exports.

"On all of these fronts, our federal-state partnership has an important role to play. Many of us firmly believe that our agricultural productivity is closely tied to the level of our research and education efforts. And we are concerned about how to sustain that productivity in the face of escalating costs, budget constraints and the diminishing capacity of our natural resources.

"We of course look to research and extension for the answers. One thing has not changed since Colonel Hatch's time. The future of American agriculture depends as much today as it did in 1887 on the quality and productivity of American agricultural research — and the strength of that research increasingly will depend upon the strength of our federal-state partnership," Bertrand said.

This partnership includes USDA research and education agencies; a nationwide system of state experiment stations, most of them located at the state land grant universities; and the cooperative extension system — the largest off-campus education system in the world. With this mighty national-state-local extension organization, we can transfer technology to users in a manner undreamed of in other countries.

Bertrand also said:

"We have many challenges ahead for our research and education system if we are to take care of the burgeoning food and fiber needs of our country, and those of many other countries as well. But the preservation of our natural resources must come first of there is no point in discussing increasing production, improving productivity or scientific breakthroughs in agricultural science...there will be no base to work from.

"The list of research and education needs is formidable. But in the federal-state partnership in agricultural research and education, we have a great system for taking on such challenges.

"We can enlarge upon the tribute being paid to Colonel Hatch today by actions we take to build upon, improve and expand that federal-state system — and to thereby forge a more productive, more profitable and more stable American agriculture."

PUT OUT THAT MATCH

Poultry production provides fertilizer alternative

COLLEGE PARK, Md. — As the price of commercial fertilizer rockets through the roof, corn farmers may need look no further than their local poultry processing plant and broiler production houses for another source of nitrogen.

Researchers for the Maryland Agricultural Experiment Station (MAES) have completed a two-year series of studies using poultry wastewater sludge and broiler house litter material as alternative sources of nitrogen fertilizer for corn production.

They unveiled harvest figures at a field day demonstration at MAES's Poplar Hill Research Farm near Salisbury Friday, yesterday.

Long recognized as another source of nitrogen, poultry processing waste and broiler house litter now have been found to produce corn yields that surpass in many cases those produced by commercial fertilizer, says MAES researchers.

"The steadily increasing cost of commercial fertilizer has transformed the waste from broiler production and processing into a valuable resource," says Lewis E. Carr, Maryland Extension agricultural engineer for poultry production and processing.

Carr says research plots treated in 1980 with wastewater sludge from poultry processing plants yielded a harvest average of 123 bushels of corn per acre, compared to 91 bushels harvested from plots treated with commercial fertilizer.

This year, tests included broiler house litter material as well as wastewater sludge, according to Carr. Harvest results for 1981 are expected to show the same gains over commercial fertilizer as those reported in 1980.

The research farm is on Quantico Road, approximately 10 miles from its intersection with U.S. 50 at Salisbury.

Partial funding for the wastewater sludge study comes from Perdue, Inc. Partial funding for the broiler house litter study comes from Cosmin Corporation and Haynie Inc. All three have cooperated in the field day demonstration with the Maryland Agricultural Experiment Station, the Maryland Cooperative Extension Service and the University of Maryland's departments of Agricultural Engineering, Agronomy, Horticulture and Poultry Science.

Tobacco growers approve quotas

WASHINGTON, D.C. — Growers of cigar filler and binder and cigar binder tobacco have approved quotas for the next three years, which began Oct. 1, according to Everette Rank, administrators of the Agricultural Stabilization and Conservation Service.

Rank said as a result of the referendum held among growers, price support loans will be available for the 1981 through 1983 crops of these kinds of tobacco.

Results of the referendum follow.

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Massachusetts	27	5	32	84

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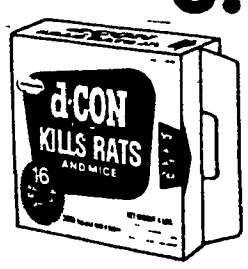

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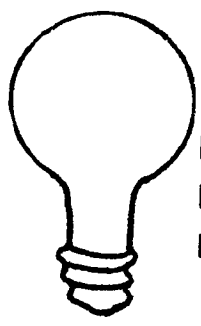

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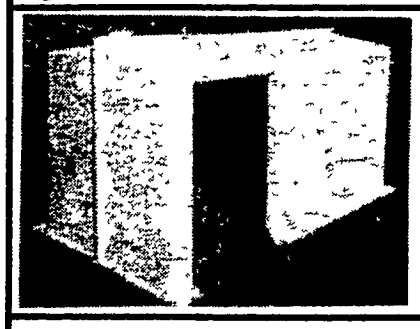

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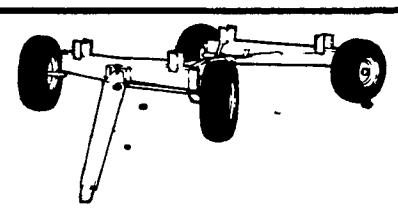

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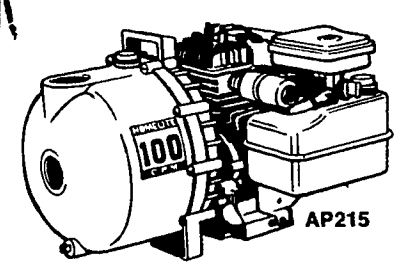

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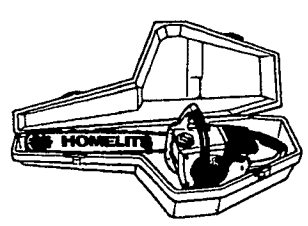

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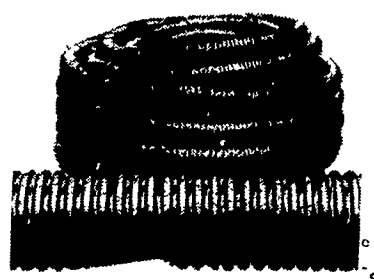

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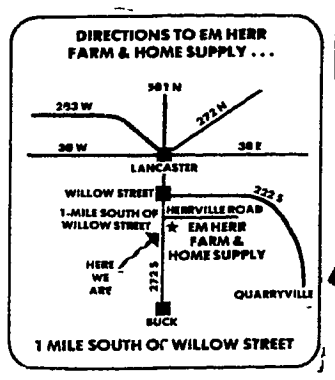

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USDA approves process for exclusive animal import

WASHINGTON, D.C. -- U.S. Department of Agriculture officials have outlined a procedure whereby a single importer could have exclusive use of the Harry S. Truman Animal Import Center at Key West, Fla., for importing and quarantining a cattle shipment.

John K Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service, said exclusive use for at least 50 head of cattle would be granted only when fewer than 50 quarantine spaces are requested by importers under the regular lottery method of allocation.

"Some importers have said they would like to import a shipment of cattle through the Truman Animal Import Center, but they did not want to mingle them with cattle being brought in by other owners," Atwell said.

"We can handle up to 400 cattle at the center for the required quarantine," Atwell said. "However, it is not economical to operate the center with fewer than 50; and sometimes we may not receive that many applications when a lottery is announced.

"Exclusive use would permit us to keep the animal import center operating, and at the same time meet the request of any large-scale importer."

Under the new procedure, importers would be invited to apply for exclusive use at the time a lottery is announced. If the minimum number of spaces is not used under the lottery system, APHIS officials would authorize exclusive use on a first come, first served basis If the importer who submitted the first application declines or is found ineligible, USDA would offer the second applicant exclusive use.

Persons wishing to import cattle through the Truman center are required to deposit $1,000 per head with their application, and, if accepted, they must then arrange for payment of health processing and quarantine costs.

The Truman import center was established on an offshore island at the tip of the Florida Keys to provide a safe method for importing cattle from countries affected with foot-and-mouth disease. These cattle would otherwise be ineligible for direct importation into the United States.

Cattle are brought to the center in single lots, although they may be owned by a number of importers. They are quarantined on an "all-in, all-out" basis, which means that any indication of foot-and-mouth disease or certain other diseases in any animal will disqualify the entire lot.

The cattle are pre-tested under APHIS supervision at a pre-export isolation facility in the country of origin before shipment to the Truman Center.

Notice of the new procedure was published in the Sept. 22 Federal Register. Public comments will be accepted until Nov. 23. Comments should be submitted to the deputy administrator for veterinary service, APHIS, USDA, 6505 Belcrest Rd., Hyattsville, Md 20782.

Pa. grain stocks down 26 percent

HARRISBURG — The October 1 stocks of corn, wheat, oats and barley in all positions of the Commonwealth totaled 42.1 million bushels, down 26 percent from a year ago according to the Pennsylvania Crop Reporting Service.

The 21 percent decrease in corn stocks more than offset the five percent increase in wheat, ten percent increase in oats, and 25 percent increase in barley.

Old crop corn in all positions on October 1 totaled 11.0 million bushels, off from last year's level of 14.0 million bushels. Of the total old crop corn stocks, 70 percent, or 7.7 million bushels, were stored on the farm. This is 30 percent below the October 1, farm stocks a year ago. Off-farm stocks, at 3.4 million bushels, were up 11 percent from last year's level.

Wheat stocks in all positions totaled 11.1 million bushels. Wheat stored on farms totaled 2.4 million bushels, up 19 percent from a year ago. Off-farm stocks totaled 8.7 million bushels, up two percent.

Oats stored in all positions totaled 16.9 million bushels, of which 14.9 million bushels were stored on the farm. Both on-farm and off-farm stocks increased from October 1, 1980 levels by seven and 38 percent, respectively.

Barley stocks in all positions totaled 3.0 million bushels. On-farm stocks were up 21 percent at 2.4 million bushels, and off-farm stocks were up 48 percent from a year ago.

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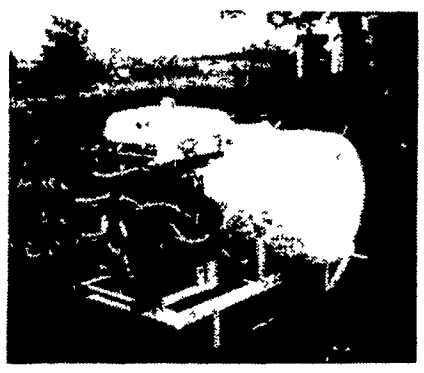

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Three-Springs Shorthorns

(Continued from Page A18)

Springs Farm travelled to nine events throughout the East including the National Milking Shorthorn Show, held in Madison, Wisconsin. At the National Show, Young took top honors in the Aged Cow class and Junior Calf class.

Because of the new Shorthorn image that showmen and dairymen like Young are promoting, the new Ilwaras are gaining respect and popularity in the industry, even among the non-Milking Shorthorn breeders. Young added that the Ilwaras are proving that the breed is competive and compatible in the show ring and in the milking parlor along with all the other breeds.

"Surprisingly, over one thousand grade-Holstein breeders in the United States are crossbreeding using Ilwara semen. And over 95 percent of all Milking Shorthorn cattle have Ilwara influence running through their veins," reported Young.

He explained that one reason for the gained popularity is the minimal feed intake and the sizeable milk output. Young pointed out he could feed less to an Ilwara Shorthorn than to a Holstein, and the Shorthorn would milk the same amount as the Holstein with a higher butterfat count. Presently, Three Springs Farm is milking 40 Ilwara Shorthorn and according to Young he is shipping more milk out than previously.

The Ilwara's hardiness is another quality that is cherished by Young and is a definite plus for the breed he said. "These red cows are just healthier and ward off infection easily. After the switch back to the Shorthorns my veterinary bill declined by two-thirds," he stated. "These two cost cutting factors are a savings to any dairyman, especially when the cows are building the savings without extra expense."

Weren't there any problems with these "down-under" breed builders?

"Even with the Ilwara's unquestionable qualities, there was some controversy." Young remembered several years ago, when the Australian cows were still a novelty to the United States, one such controversy developed among the breeders.

The National Shorthorn magazine decided to add the name, Ilwara, to the title which is now "The Journal of Ilwara and Milking Shorthorns, Young recalled. He added that many of the die-hard dual-purpose breeders were very disturbed by the change and created quite a stir in the Association.

"It will take time, but the Ilwara Shorthorns are winning ground daily, because there are no gimicks or fiction in their promotion.

"My wife, Linda, my daughter, Chris, who is a Cumberland County 4-H Dairy Club member and my son, Jimmy, are all proud to stand by the "red and roan beauties" — their performance tells it — they're excellent in our eyes."

Holstein is nat'l class leader

LANCASTER — Willow Maple Farms, Newmanstown, has been notified that a registered Holstein cow presently in their herd has been recognized as the national class leader in milk for senior aged cows.

Her record, which started at 14 years of age, is 32,256 pounds of milk and 1,111 pounds of butterfat, produced in 365 days. This is an official test record made under the supervision of the Dairy Herd Improvement Registry of the Holstein Friesian Association of America, Brattleboro, Vermont.

The cow, Willow Maple Reflection Mae, is also recognized as the class leader in milk production for the state of Pennsylvania. She has 13 lactation records totaling 295,000 pounds of milk, and 10,616 pounds of butterfat. Her highest single lactation record was made at eight years of age, when she produced 37,865 pounds of milk in 375 days. She produced 1,276 pounds of butterfat that same year.

Willow Maple Farms, owned by Harold and Donald Bollinger, Newmanstown, has furnished sires for several nationally known Artificial Breeding Cooperatives. One is in France, one at Western Herd sires in California, and four in local herds.

Two bulls are in service at Atlantic Breeders Co-op., Lancaster, one at NOBA, Tiffen, Ohio, and one is presently contracted to Carnation Genetics, California.

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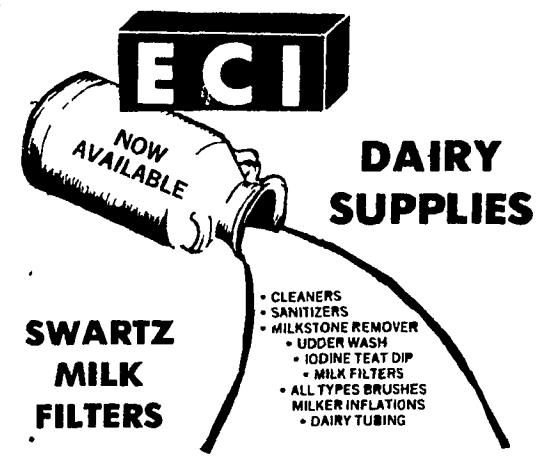

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MILK MARKET NEWS

Federal Order No. 2
New York-New Jersey Area

Where did promotion dollars go?

According to a recent Order 2 bulletin, $6.2 million was spent under the Dairy Promotion Order and its companion programs for all New York State producers including those who market milk in the Niagra Frontier and Rochester state order areas and in out-of-state Federal order areas.

Of that amount, about $4.3 million was used in the New York-New Jersey Milk Marketing Area, an increase of nearly ½ million dollars in expenditures over the 1979-80 marketing year

Additional income was generated for these expenditures as a result of the higher rate of assessment which became effective January 1, 1981

The ADA spent most of the money

The largest single expenditure was for media advertising and sales promotion under contracts with the American Dairy Association and Dairy Council of New York, Inc.

Of the $2.1 million spent for these activities, more than 90 percent was spent to promote the sale of fluid milk products. The remaining advertising dollars were used to promote the sale of natural cheese in a major national campaign in cooperation with dairy farmers and cheese manufacturers throughout the country.

Television was the medium most used in campaign ($1.6 million worth of TV time) followed by radio ($0 3 million). The remaining funds were spent for point-of-sale promotion and special promotional events.

...and of course there are the administration costs

It cost $101,420 to administer the Dairy Promotion Order for the 1980-81 year. The reduction of $28,000 from the previous year's expenses was due to lower personnel costs and the fact that there were no hearing expenses such as were incurred during 1979-80.

Administration costs — which include the expenses of the Advisory Boad, the expenses incurred in auditing and the clerical costs associated with program administration — amounted to 2 3 percent of the total expenses for the year.

By way of comparison, they were 3.3 percent of the total in the 1979-80 year and 2 5 percent in the 1978-79 year

Federal Order No. 4
Middle Atlantic Marketing Area

Save pennies....temporarily

Market Administrator Joseph Shine recently announced that the 2½ cent per hundredweight administrative assessment will be waived on milk handled during the months of October and November 1981 The assessment will be reinstated effective with December 1981 milk deliveries.

National Outlook
Dip in farm prices straigtens

Prices received by dairy farmers for milk declined seasonally from January to July and then increased slightly in August.

This follows the normal seasonal butterfat content pattern — the fat test falls from January to July and then increases until December.

In August, farmers received an average of $12 50 per hunderweight, for manufacturing grade milk, 70 cents or 6 percent higher than a year earlier and 50 cents below January.

However, after adjusting for the butterfat test, the Grade B milk price was nearly unchanged from January — down only 2 cents. The adjusted August price was 33 cents below the established support level of $13.10 per hunderweight for milk testing 3.67 percent fat.

This shortfall, which has existed

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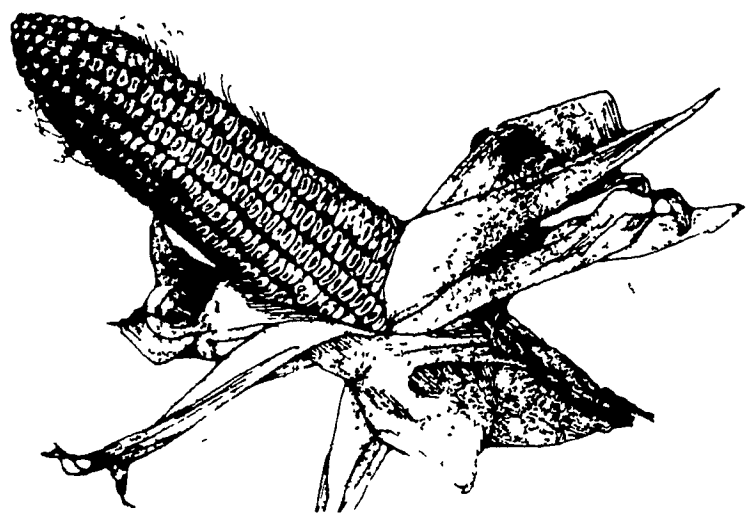

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NPPC grants

(Continued from Page A15)

other than those of PRV on these tests; Dr. I.A. Schipper, N.D. State University; to compare the three presently available pseudorabies tests to determine which is most sensitive and to determine the effects of other antibodies in the serum.

- Vaccination for Control of Mastitis and Agalactia of the Sow; Dr. R.F. Ross, Iowa State University; to evaluate the effectiveness of the bacterin used for one strain of coliform bacteria against other strains of E. coli.

- A Pathogenesis Study of Rotavirus and Concurrent Enteropathogenic E. coli in Gnotobiotic Pigs; Dr. J.P. McAdaragh, S. D. State University; to determine what happens to the small intestine of germ-free pigs following an infection of rotavirus and E. coli at the same time.

- Relationship of Administration of Iron to Baby Pigs to their Susceptibility to Enterotoxic Colibacillosis; Dr. S. Kadis, University of Georgia; to study the effects of various doses of iron for baby pigs on their susceptibility to diarrhea following infection with various strains of E. coli.

- Persistent PRV Virus Infections in Swine; Dr. B.C. Easterday, University of Wisconsin; to determine the length of time pseudorabies virus is transmitted from infected pigs, whether the virus is shed continuously, and the percentage of pigs shedding virus.

- Ear Necrosis in Swine; Dr. J.A. Richardson, Purdue University; to determine the relationship of a particular staph infection in lesions of the ear.

Environmental Mangement and Stress

- Stress and Adaptation of Gestating Gilts to Tethering, Individual Stalls, and Pasture; Dr. T.H. Friend, Texas A&M University; to compare the amount of stress of gestation gilts to tether and individual stalls to those maintained on pasture and whether adaptation occurs over time.

- Effect of Receiving Ration and Water Medication on Performance of Purchased Feeder Pigs; Dr. M.C. Brumm, University of Nebraska; second year funding to determine the effect of length of feeding of receiving ration, the effect of water medication, and the interaction of feed additive and water medication on feeder pigs survival, growth and performance.

- Gestation Environmental Alternatives: A Behavioral, Functional and Performance Study; Dr. S.E. Curtis, University of Illinois; to determine differences in behavior, physiology and performance of pregnant gilts held in gestation pens with feeding troughs, pens with individual stalls, gestation crates with solid walls, or crates with nearly open walls.

- Effect of Supplemental Potassium on Feeder Pig Performance; Dr. G.W. Jesse, University of Missouri; to determine the effect of supplemental potassium during the first four weeks on feeder pig performance and to determine shrinkage of the feeder pig from and to the farm.

Nutrition and Feed Utilization

- Influence of Blood Serum Factors and Muscle Characteristics on Growth Rate and Feed Efficiency in Pigs; Dr. C.E. Allen, University of Minnesota; to determine if feed efficiency and growth rate of pigs is related to muscle cell number and size, to the

(Turn to Page A39)

MILK MARKET NEWS

(Continued from Page A26)

since April 1980, continues to reflect the large supply of milk and reduced competition for raw milk between dairy product manufacturers.

Since April 1980, the difference between the adjusted Grade B price and the support level has averaged about 38 cents

Minimum Federal order class prices have remained quite stable throughout the year, although declining somewhat in recent months.

With milk production expected to remain large relative to commercial use for the rest of this year, the seasonal increase in milk prices this fall could be small, leaving the all-milk average price for 1981 up around 6 percent.

In early 1982, milk prices will depend on the level of price supports and supply and demand conditions. With some strengthening in the economy and a tighter supply of other high-protein foods, the demand for dairy products is expected to strengthen

This alone should strengthen farm milk prices early next year However, a continued expansion in milk production would moderate any price increases.

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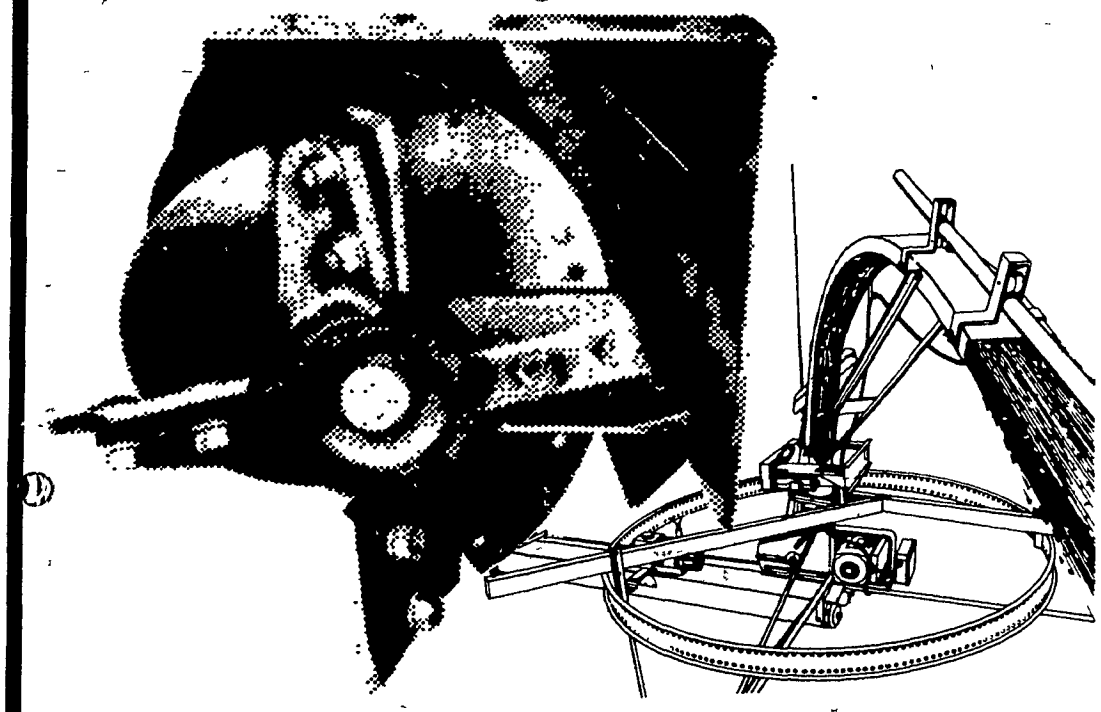

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Fat is not where it's at

Proper dry cow feeding can prevent ketosis

BY DONNA TOMMELLEO

LANCASTER — Your top producer is due to freshen in a couple of weeks. She's projected at better than 20,000 pounds of milk and you want to give her a head start so you make sure she's well fed during her dry period.

She's been consuming large amounts of corn silage and grain, basically the same ration she's been on since late in her last lactation. Gradually her dairyness is becoming obscured by a fatty brisket that sways like a pendulum, rounded thighs and shoulders and a tailhead that would look more at home on a beefy little Hereford instead of a tall upstanding dairy cow.

But you're not worried that your best cow is turning into a four-legged pork sausage because you know once she starts milking, the excess flesh will start falling off as fast as fleas on a wet dog.

This ficticious example is similar to a children's puzzle, "What's wrong with this picture?" But it really asks the more serious question, "What is going to happen?"

Let's back up and review the facts. You've got one fat cow about to freshen. According to your records she should milk quite well so she'll need a lot of energy to fill that weigh jar. She's been eating well right along and so once she freshens you'll really pour it to her Right? Wrong?

You're sitting on a powder keg just asking for a host of metabolic diseases to run amuck and ketosis may be at the top of the list.

According to large animal veterinarian Dr. Robert Hutchison of Reinholds, a proper dry cow feeding program is critical in reducing the incidence of ketosis which generally follows calving.

"We just don't see much ketosis in a well managed herd," says Hutchison.

Ketosis or acetonemia is caused by an elevated level of ketone bodies in body fluids and a drop in blood glucose. Characterized by a distinct odor on the breath or in the urine, the condition generally occurs in high producers that must mobilize body fat to meet their increased energy needs.

"A cow milking 100 pounds a day cannot eat enough without depleting her own reserves," emphasizes Hutchison.

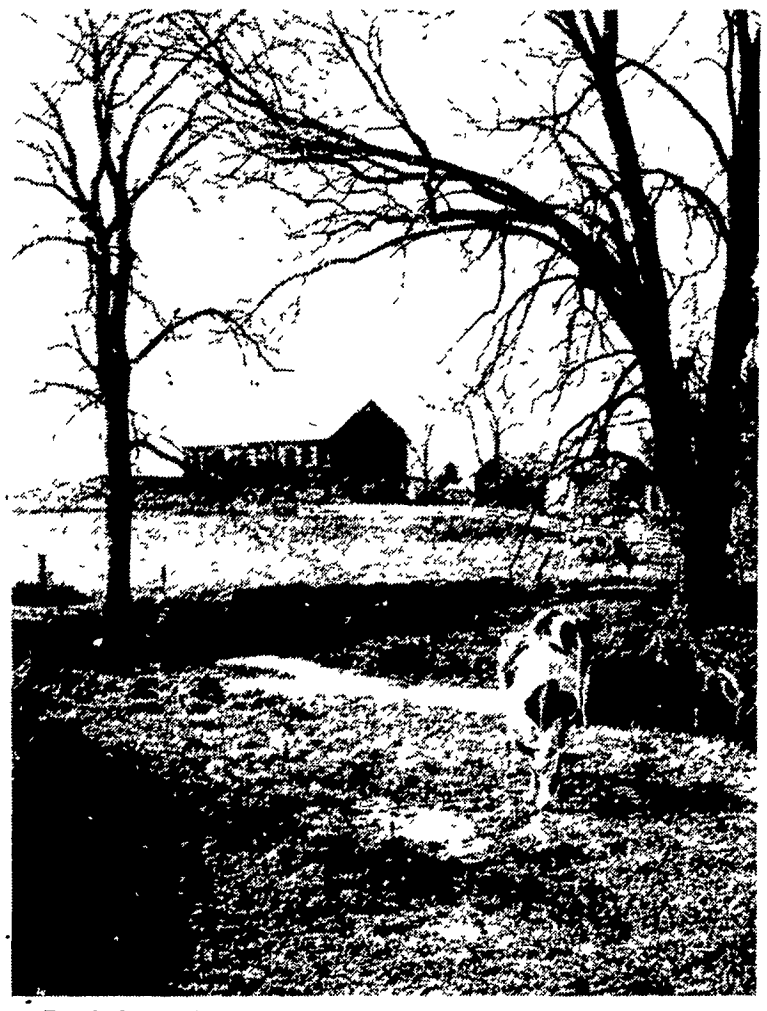
Instead of getting high production, a farmer may see an abrupt drop. In addition, the cow may go off feed and exhibit coordination problems.

But often times, says Hutchison, ketosis may just be the tip of the iceberg.

"It (ketosis) usually follows hand in hand with other diseases."

Hutchison, whose large animal

(Turn to Page A 32)



Don't let lush pasture fool you. Your dry cow may still not be meeting her needs. Pennfield ruminant nutritionist Tim Horn, investigated one ketotic herd only to find the dry cows needed a supplement in addition to pasture feeding.

To complete this happy beginning, the birth of a healthy calf, farmers should follow recommended nutritive and management guidelines to insure the cow a healthy post-partum period.

This dry cow may be looking for her next meal, but make sure it's balanced. Nutritionists and veterinarians recommend periodic forage samples and light grain feeding in late lactation cows and dry cows.

Good management for ketosis prevention

The following trouble shooting guide to ketosis was prepared by the Penn State Cooperative Extension specialists, Dr. Lawrence Hutchinson and Richard Adams. More information is available at local extension offices.

Problem Situations:

1. When over 10 percent of the cows are afflicted on an annual basis.
2. When a high proportion of cows in a sizable group of freshenings is afflicted.

Control Suggestions:

- Make certain that the following forage tests are available:
  - a Standard on all forages
  - b. Mineral on all forages
  - c. Non Protein Nitrogen on all silages
  - d. Sulfur on all forages
- Pending completion of tests and feed programming:
  - a. Check protein and mineral supplementation.
  - b. Check forage intake carefully:
    1. Are fresh cows getting at least 1.5-2.0 lbs. of hay equivalent per cwt. of bodyweight daily?
    2. Is the ratio of forage: grain dry matter wider than 50:50 or 45:55 for fresh cows?
  - c. *Reduce levels of suspected silages by about 50 percent* and increase dry hay accordingly. Maintain a minimum of 2.0 lbs. of hay-equivalent per amount of bodyweight for average cow, including dry ones.
- Check flesh on all cows, including dry ones.
  - a. If over 10 percent are too fat, caution against overfeeding and a possible ration problem.
  - b If over 10 percent are too thin caution against under feeding and a possible ration problem
- Check for stress items in the herd and complicating conditons in afflicted cows Be sure to test water for bacterial pollution.
- Check grain feeding rates for violation of suggested *maximums:*
  - a Before freshening 2.0-2.5 percent of bodyweight, at least one forage should be fullfed.
  - c. Daily increase in grain:
    1 First-calf heifers - 1.0 lbs. per head daily
    2 Older Cows - 1.0-2.0 lbs. per head daily
- Feed grain to high-grain cows more than twice daily to minimize rumen acidosis, or use a complete ration (forage and grain mixed).
- *Avoid feeding or limit amounts of smelly silage for 2 weeks* before and 6-8 weeks after calving. Gradually put cows on full corn silage feeding.
- Encourage off-feed cows to eat by offering strange feeds (such as whole oats, different hays, cracked corn, beet pulp) and concentrating on any forages that they obviously still relish

Lancaster Century Farms to be honored Nov. 18

LANCASTER — Appearances by Gov. Dick Thornburgh and Ag Secretary Penrose Hallowell and the continued honoring of Lancaster County's Century Farms will be highlighted at the Fifth Annual Ag-Industry Banquet of the Lancaster Chamber of Commerce and Industry on Wednesday, Nov. 18.

More than 400 persons are expected at the banquet to be held at the Good 'n Plenty Restaurant.

Theme for remarks by Thornburgh and Hallowell is "The Reliable American Farmer."

Thus far, three Lancaster County farm families will be honored for their Century Farms – ag operations which have remained in the same family for at least the past 100 years.

The three Century Farms, to date:

–Frey Dairy Farms, R2, Conestoga, Jay V. Frey, president; dating back to 1815.

–J. Robert and R. Naomi Spahr, 2848 Lititz Pike, dating back to 1875.

Dick Thornburgh

–Mark and Hazel Nestleroth, R5, Manheim, dating back to 1852.

These three farms will bring the number of Lancaster County Century Farms to 63 since the program was instituted by the state in the Bicentennial year of 1976.

The Chamber also will unveil its new agricultural brochure, which is distributed widely to promote the county's ag industry; and will present a 10-minute program tracing the history of the Chamber, which began as a unit primarily oriented toward agriculture and which recently has returned in this direction with a revitalized ag promotion and support program.

Penrose Hallowell

Crop survey reports harvest percentages down

HARRISBURG — Heavy rain at the beginning of the week ending November 2 limited farm fieldwork in Pennsylvania to three days, according to the Pennsylvania Crop Reporting Service.

Topsoil moisture across the state was rated 65 percent adequate and 35 percent surplus. In the northern region of the state 57 percent service workers rated soil moisture surplus, and 43 percent rated it adequate. In the central region 50 percent rated it adequate and 50 percent surplus, while in the southern region the Service rated soil moisture adequate.

The potato harvest in Pennsylvania is virtually complete, about a week later than when it was completed last year. Wheat planting in the state is also virtually complete, about the same time as last year.

The soybean crop in the commonwealth is 50 percent harvested compared with 70 percent last year. In the north, 56 percent is harvested, in the central region, 60 percent in harvested, and in the southern region, 40 percent is harvested.

Corn for grain in the state is 58 percent harvested compared with 68 percent harvested last year. In the north 50 percent of the corn crop is harvested, in the central region 58 percent is harvested, and in the southern region 70 percent of the crop is harvested. Ensilage corn harvest is virtually complete, about two weeks later than last year.

Fall plowing in the commonwealth is 94 percent complete, while last year at this time plowing was virtually complete.

Statewide, the quality of hay made during the week was mostly poor and the amount of feed obtained from pastures was rated mostly average.

The fourth cutting of alfalfa was rated as 89 percent complete statewide compared with 88 percent last year.

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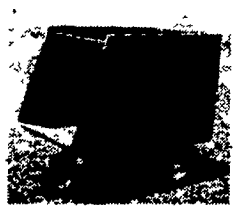

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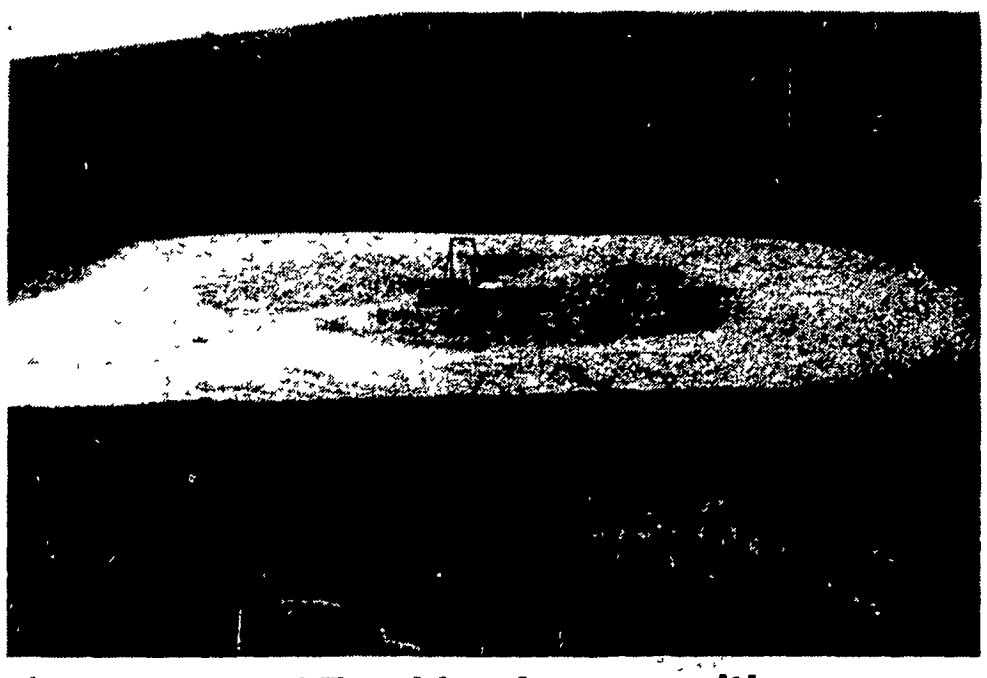

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Selective culling results in efficient use of facilities

ST. LOUIS, Mo. — Regardless of where dairy farmers get news, they've no doubt heard statements from industry experts calling for herd culling. Many of these spokespersons use the reasoning that overall herd reduction will reduce national production, thereby reducing the milk surplus and strengthening the market, says dairy research manager Larry Prewitt.

Although he neither supports nor questions this recommendation, Prewitt says, culling can still be a beneficial practice, but for another-slightly selfish-reason. With operating costs rising almost daily, selective culling can allow the producer to focus attention on the top cows in the herd, resulting in a more efficient use of existing facilities and resources.

If the dairy farmer's feeding program is doing the job, but the rolling herd average is not up to par, then odds are some of the cows are not doing their jobs. Now's a good time to evaluate each animal's contribution in terms of both milk and reproduction.

Production On Rise

We've almost doubled the milk production potential of cows over the past 25 years. Much of this progress is due to better management, feeding, research and quality of the cow.

The majority of future improvements will be accomplished with even higher-level milk producers. In fact, most of the research work being done now centers on how to make top-producing cows produce even more milk.

As things continue to progress in this manner, the low-producing cow simply doesn't fit into the picture of future dairying.

Fixed Costs Rising

The reason for this is economics. The operating costs in a dairy herd are not greatly effected by the level of milk production. But with operating expenses rising rapidly because of inflation, low-producing cows simply cannot offset their costs. They become a financial burden.

Considering feed costs, the case for culling grows even stronger.

A cow producing 16,000 to 18,000 pounds of milk per-year is going to consume more feed than a cow producing 12,000 pounds. But the added costs are more than compensated for by the increased amount of milk produced. In fact, it will probably spell the difference between profit and loss in considering today's milk prices.

Open Cows Costly

Although the cow's paramount contribution is the amount of milk she produces, she's also demanding that she produce vigorous offspring, stay healthy and cycle consistently. While a cow producing 17,000 pounds of milk is certainly going to be a top milker in any herd she isn't necessarily a top profit-maker.

The money made on the extra pounds of milk can be lost very quickly if she remains open and dry for an extended period of time. So, calving interval is another essential consideration in culling.

Dairymen should be looking for no longer than a 12-13 month calving interval for each cow. A cow taking longer than that is not performing to her fullest potential. She isn't producing enough calves and she isn't giving a fair return on the hefty investment the farmer has in her.

A delayed calving interval through successive lactations also means a reduced volume of milk in the cow's productive lifetime. It also reduces the reproductive rate and lowers the number of calves produced in the cow's lifetime. This slows genetic progress and puts a crimp in the dairyman's cash flow.

But before culling all those cows which don't calf within 13 months producers should first determine if they are taking the necessary steps to promote reproduction. Careful monitoring of recycling and gestation periods can shorten calving intervals. It's easy for producers to spend all of their time doing other chores. But, if rebreeding is neglected, milk persistency will be effected and per-cow production will decrease over successive lactations.

Weight Loss Hurts

Improper feeding can have a ripple effect on other aspects of the dairy operation. Weight loss at the wrong time reduces rebreeding efficiency which in turn delays the onset of lactation. So, in one sense, your feeding program is a maintenance effort. It must maintain body weight, breeding condition and milk persistency.

But, on a second level, a sound feeding program is helping the cow produce the most milk possible. Unfortunately, many producers believe this second level is the only level. They pay for this misconception when their cows don't freshen on time and remain dry longer than they should.

These are the cornerstones of a good dairy operation. Producers can't help but get peak performances from their cows if they're truly doing the best they can in these areas.

And if it means milking a few less in order to provide this management, proper culling could be the answer, he concludes.

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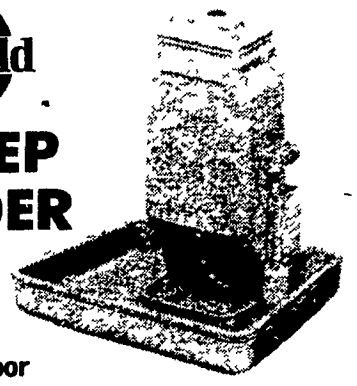

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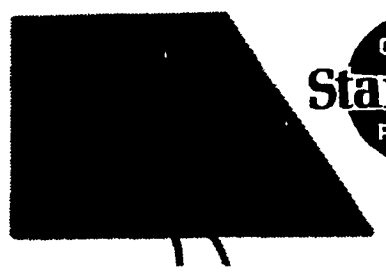

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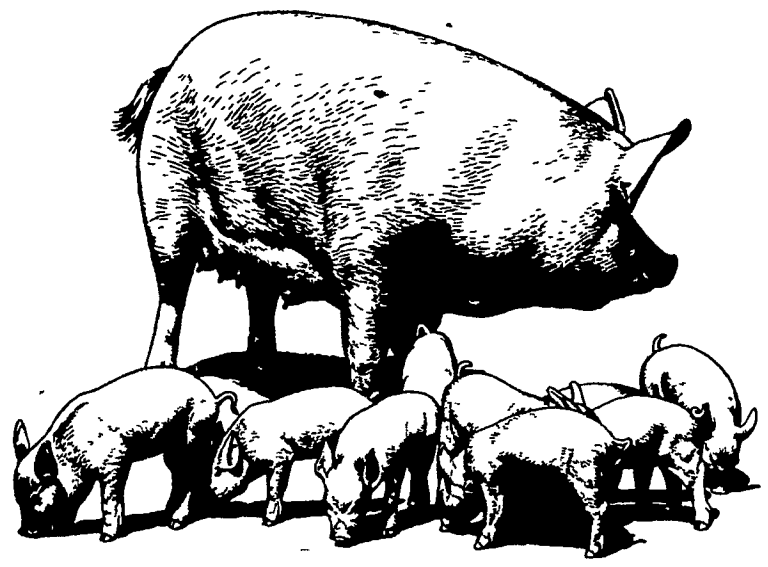

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Dry cow feeding

(Continued from Page A28)

practice is about 80 percent dairy, listed twisted stomachs, fatty livers and uterine infections as some of the underlying factors that could cause an animal to become ketotic.

And it is those underlying factors that Hutchison says he looks for before diagnosing a case of ketosis.

"It is significant that all possible avenues be checked first."

The next thing to look at, he says, is the nutritional program.

"An up-to-snuff nutritional program will probably correct 90 percent of ketosis-type problems.

In treating the ketotic cow, Hutchison intraveneously administers glucose or dextrose to temporarily elevate blood glucose levels. Hutchison says the treatment is usually accompanied with an injection of glucocorticoids for a longer lasting effect.

Before the vet leaves the farm, he gives the farmer instructions to follow-up for about 10 days with another energy source, usually propylene glycol, that sells commercially under a variety of names.

"This is one disease," Hutchison emphasizes, "where your nutritionist is more important than your vet."

According to county agent Glenn Shirk, a farmer has several resources available for nutrition assistance. In addition to a veterinarian, Shirk suggests working closely with extension and feed companies.

Pennfield ruminant nutritionist Tim Horn suggests that a farmer should gradually get a dry cow accustomed to her fresh cow ration.

"Don't try and push her too fast.

There's nothing like a big appetite, but keep the weight off the dry cows to prevent metabolic problems after she freshens.

A lot of dairymen are tempted to pour it to fresh cows so that she might peak out quicker," Horn says.

He suggests grain feeding at about 0.5 percent of body weight (roughly seven pounds for a 1,350 pound cow). Gradually increase the grain until she's consuming about one percent of bodyweight at freshening. The key, says Horn, is to eliminate any abrupt changes.

"Adjust her to the type of feeding program she'll be on as a fresh cow."

Now is the time to take a good hard look at your feeding program. and to seek nutritional assistance if you need it. Let's keep the fat cows in cartoons and fairy tales and not in your barn.

Dairylea appoints ColganV-P

PEARL RIVER, NY — Raymond Colgan of Goshen, NY, has been appointed Vice President of Sales, Fluid Milk Division and Branch Sales for Dairylea Cooperative, Inc., the Northeast's largest farm-to-consumer marketer of milk products with sales in 1980-81 of $425 million.

An employee since 1966, Colgan has held many executive positions with the Pearl River, NY-based dairy marketing organization.

Most recently, he has been sales manager for the fluid division. Colgan also had held the posts of branch manager and regional manager.

Dairylea operates four fluid milk plants (three in New York and one in Pennsylvania) and several dairy product manufacturing plants. Colgan, in addition to his responsibility in fluid sales, will coordinate the sales and marketing functions of the Dairylea Consumers Products Division.

Ray and Marie Colgan have five children.

Rumensin for coccidiosis

UNIVERSITY PARK — S.B. Guss, Professor Emeritus, Penn State, reports rumensin gives excellent control of coccidiosis in lambs and goats.

Rumensin can be added to alfalfa pellets then add corn and oats later. Recommended dose of rumensin in feed is 15 ppm (gms/T) for both sheep and goats.

With lambs there is a palatability problem with rumensin above the 15 ppm level.

Goats will apparently tolerate doses above the recommended 15 ppm. Since the 15 ppm is effective, there is no reason to medicate higher than that.

Broiler placements down

HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending October 24 were 2,075,000, according to the Pennsylvania Crop Reporting Service.

Placements were three percent below the corresponding week a year earlier and six percent below the previous week. Average placements during the past nine weeks were slightly below a year ago.

Placements in the 19 key poultry producing states were 75,115,000, slightly above the previous week and one percent above the same week a year earlier. Average placements in the 19 key states during the past nine weeks were four percent above a year ago.

Broiler-fryers slaughtered in Pennsylvania under federal inspection during the week ending October 14 totaled 1,657,000, with an average liveweight of 4.11 pounds.

Stoneylawn dairy

(Continued from Page A21)

Often times a farmer can support a good cause through the herd. This December the Kopps will consign a bred heifer to the Penn State Ag Arena Sale.

With all the coming and going of sale stock at the Middletown farm, the cows stay long enough to keep the bulk tank full. The current rolling herd average is 16,200 pounds of milk and 600 pounds of fat.

The Kopps feed a total mixed ration to both the milking herd and the dry cows. The milking herd ration contains haylage, corn silage, high moisture shelled corn and a 40 percent protein concentrate.

On a second farm, the Kopps feed out dairy steers to supplement their income. The feedlot is just another means for the three families to make ends meet

The three family enterprise includes, Howard and Mary Kopp, their son Jay and his wife Anne, their two children Jyanna and Adam, Ronald and his wife Barbara.

Anne and Jay also farm the nearby State Holstein farm in addition to the family's 300 acres of corn, 60 acres of soybeans and 100 acres of alfalfa.

The family economizes by converting corn fodder into bedding with the help of a stacker. Jay said he feels the animals stay cleaner with the more absorbent litter

In spite of early adversity, the Kopps have rebounded with a top herd. The burned barn changed things around and now individual calf stalls and group pens fill the lower level of the rebuilt structure.

The old barn may be just a memory but the new barn is a testimony to the driving force behind American farmers to overcome hardships.

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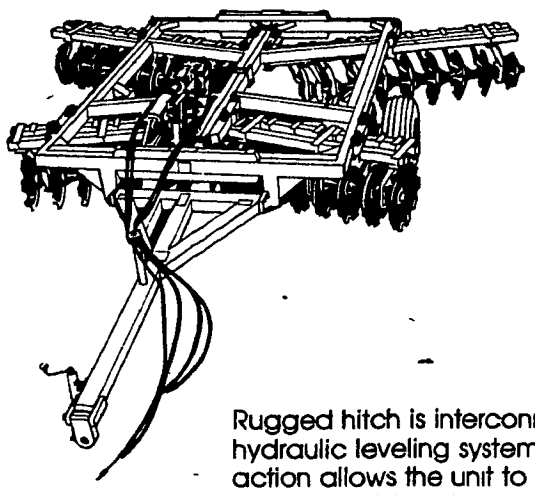

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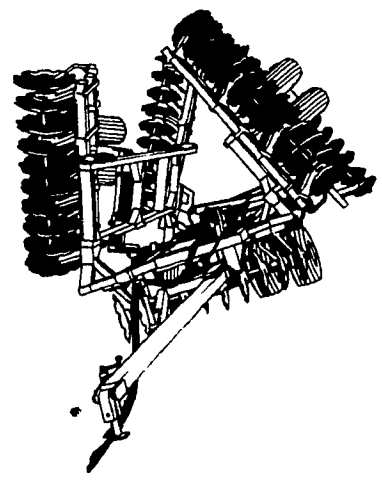

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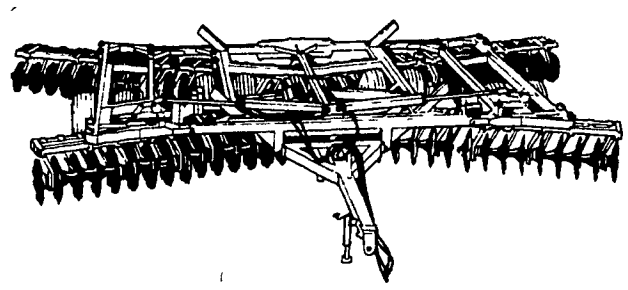

Positive depth control is incorporated into the hydraulic axle control to assure uniform cutting depth It eliminates the guesswork, and the adjustment is easy

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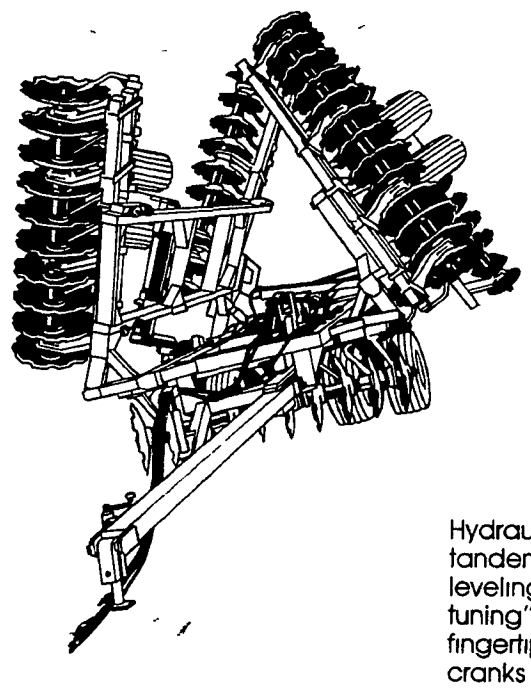
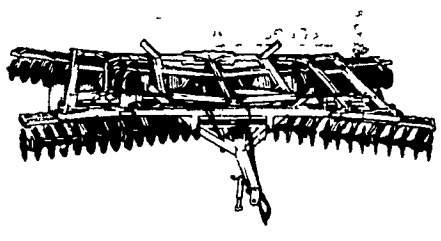
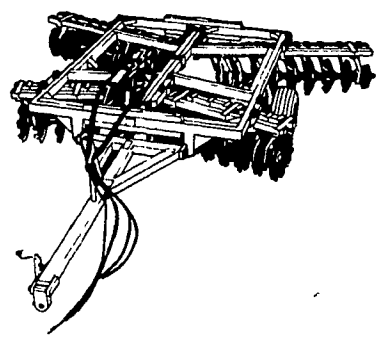


Triple-sealed bearings, which can be lubricated, supported by cast steel bearing housings, are standard equipment on all offset and tandem units Fabricated steel spacing and bearing spools, standard on offset models, provide added strength. Guards on the bottom of bearing brackets provide added protection from dirt and wear.

Hydraulic leveling control, on both offset and tandem models, provides total control of the leveling action Because it's hydraulic, "fine tuning" of the front and rear gangs is done with fingertip control from the tractor seat no cranks or wrenches to turn





Shafts are durable and provide long, trouble-free service On the OD 100, OD 200, TD 100 and TD 200 models, 1¾" high strength, cold drawn steel shafts are standard The OD 300 features a 2" cold drawn, heat-treated shaft for increased strength and durability

Breaking new ground!

Ruminant feed break through converts cellulose to useable form

FORT COLLINS, Colo. — A Colorado State University engineer says he has developed a method that could become the basis of a new source of ruminant feed throughout the world within the next few years.

Bruce E. Dale of the University's department of agricultural and chemical engineering said he has found a way to greatly increase the digestibility of such material as corn stover, wheat straw or rice straw so that it becomes an animal feed that compares favorably with grain.

Dale said the process could have a profound influence on worldwide agriculture. He noted that numerous scientists throughout the world have devoted years of research trying to find a way to convert cellulosic materials to animal feed.

"We feel that the process will be a practical, agricultural tool within a few years and should vastly increase the potential animal feed in the world," Dale said.

He added that the method also can be used to convert cellulose to alcohol, although cellulose-alcohol conversion requires more steps than cellulose-animal feed conversion and, therefore, will require more development.

Besides providing a new source of animal feed, which should be less costly than current feeds, Dale said the method should make more grain available for human consumption.

He explained that much of the world's grain that could make good, human food is fed to cattle. "In this situation, the world's affluent can bid away grain from the less affluent," he said. Since Dale's discovery should make non-food sources available as cattle feed, more grain suitable for human consumption should be available.

"We, in the affluent countries, can have our cows and eat them, too, and not bid away grain supplies from the less wealthy countries," Dale explained.

Dale pointed out that his discovery is not aimed at the needs of individual farmers. Rather, once machinery is developed to make the process practical on a large scale, it would be attractive to farm co-ops and large cattle-feeding operations. For overseas use in remote areas, machinery probably could be mounted on trucks or barges and made available to farmers through government assistance, he said.

Dale explained that cellulose-animal feed units could be built in various sizes, but that a unit could treat 1 to 2 tons of cellulose material per hour probably would cost around $100,000. He estimates that such a unit would serve the needs of a 5,000-head feedlot operation and pay-back in that case would take less than two years.

Dale said that Colorado State University has filed for a patent on his method and that a number of companies in the United States and abroad have expressed interest in developing the machinery to make the cellulose-animal feed process practical on a large scale.

Dale said machinery that he has used on a small scale is relatively simple. Therefore, he is optimistic that a company could complete development of large-scale machinery within about two years.

The CSU engineer explained that basic machinery required for the process are compressors, a pressure chamber for about 200 pounds per square inch of pressure, and conveyors.

Dale said he will continue research on the process itself and on machinery neccesary to make the process work on a large scale, perhaps with a stationary pilot plant.

"We know the process works. Now, we need to find out more about precisely how it works and how we can do it even more efficiently," he said.

Dale reported that his process operates successfully on alfalfa to make it a higher quality feed and on wheat straw, rice straw and corn stover, all materials that have a cellulose content of about 35 percent to 40 percent and a lignin content of about 15 percent. Lignin is a material that acts like cement and is contained in the cell wall of plants.

Wood materials, which have a much higher lignin content, do not seem to respond as well to the treatment as straws. However, Dale said he is continuing work with wood materials.

Some companies also are interested in his process to make alcohol, Dale said.

He pointed out that making alcohol, which is combined with other fuels to make gasohol or diesohol, is much more economically feasible with cellulose than with feed grains.

"As compared to corn, cellulose material is much cheaper, there is less price fluctuation, and it's not a food.

"Most of the interest in making alcohol from corn came about through large subsidies and a depressed corn market. About 70 percent of the variable costs of making alcohol from grain are due to the grain itself. Since corn prices have increased, the cost of making alcohol from corn has gone up as well," Dale said.

Dale will be conducting further research on the best ways of converting cellulose materials to alcohol with Antonio Moreira, also a CSU engineer in the agricultural and chemical engineering department.

"The idea of using alcohol as a fuel is good, but making alcohol from grain requires a supply of fairly low-priced grain. Hopefully, cellulose conversion can be the key to revitalizing the alcohol fuel industry," Dale said.

Dale, a chemical engineer, has been at Colorado State University for the past 2½ years where he is an assistant professor in his department. One emphasis of research in the CSU agricultural and chemical engineering department is on converting agricultural waste to food and fuel products.

Deadly pine tree disease now found across U.S.

COLUMBIA, Mo. — Scientists are studying a deadly disease of pine trees that is now known across the U.S. after being first identified in Columbia, Mo., just two and a half years ago.

"It's the same disease that has been an epidemic in Japan for over 50 years," said Marc Linit, University of Missouri-Columbia entomologist.

He and Victor Dropkin, chairman of UMC's Department of Plant Pathology, have been invited to present research papers at the International Union of Forestry Research Organizations World Congress in Japan, September 6-17. There they will confer with Japanese scientists to gain a better understanding of the disease cycle.

Called pine wilt, this disease involves trees, nematodes and insects.

"You first notice the disease when you wound the tree and see that no resin flows from the wound," Dropkin said. "Still the tree looks fine. Then in three weeks, the tree is dead."

At the World Congress, Dropkin will present a paper giving an update of pine wilt disease in the U.S.

Linit will report on the insect vectors that transport the disease-causing nematodes from infected to healthy trees.

Dropkin is studying the nematode-tree interacations to see if there is any way to control the pest. The nematode is the same species that attacks pines in Japan.

Among other things, he hopes to identify resistant varieties of pine trees.

Since the disease was first identified in Missouri in February, 1979, it has been found in 33 states on 21 species of pine trees and six species of conifers other than pine. Twenty-two counties in Missouri have reported the disease.

"We not feel the disease is native to the United States and that the Japanese probably imported the problem from us," Linit said.

He explained that the insect that transmits the nematode in the U.S. is "primarily a longhorned beetle" — a close relative to the beetle that transmits the disease in Japan.

"These longhorned beetles attack dead or dying trees," Linit explained.

"They develop in the wood of trees and, after they emerge, they feed on the bark of healthy trees. This feeding does not cause damage by itself."

The beetles sometimes carry nematodes in their bodies. If they do, the nematodes will leave the beetle's body and enter the wound made by the insect during feeding on the tree. The nematodes multiply rapidly within the tree and cause a rapid death.

"As the trees die, they become attractive to the longhorned beetle which lays its eggs under the bark," Linit said. "Its larvae tunnel into the wood. As these larvae mature to the adult stage, nematodes gather on and in the adult beetle's body and get transported to another tree."

And so it goes. The more trees that die, the more likely others will die of pine wilt disease.

Linit and Dropkin are concerned because they have no way to control pine wilt disease.

"We can only recommend sanitation—cutting and burning the infected material," Linit said.

"We need an indepth study of the nematode and the insect vectors before we can recommend other control practices."

Another problem is what Linit calls "a lack of a track record" as far as the disease is concerned.

"During 1980, the year of the bad drought, the disease was particularly bad in Missouri. It hasn't been so bad this year, so we suspect that water stress caused by the drought may influence the disease."

Berks Equine Council meets

LEESPORT — The Berks Equine Council will be meeting next Tuesday at 7:30 p.m.

Dr. Dean Richardson will be the featured speaker, discussing orthopedic problems in foals.

The meeting will be held in the auditorium of the Berks ag center. It is open to the public.

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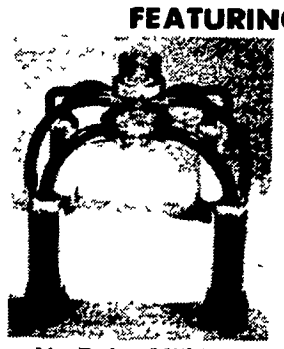

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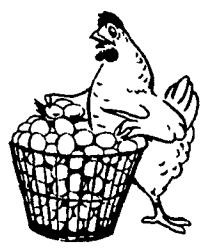

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Tobacco studies eye cutting machine & wire hanging

BY DICK ANGLESTEIN

UPPER MARLBORO, MD. — Studies are continuing at the University of Maryland Tobacco Research Farm into mechanization and other practices designed to reduce labor requirements of the harvesting process.

The Maryland studies, directed by tobacco researcher Claude McKee, include both a cutting machine and hanging method utilizing notches on the stems of plants and wires instead of wood laths.

The harvesting machine is of French origin and features two saw blades mounted on the front of a walk-behind garden tractor. Actually, it is similar to machines which have been tried and sporadically used in Lancaster County for some time.

This is French tobacco cutting machine mounted on front of Gravely tractor, which is being used in Maryland studies. Guides help navigate machine down rows. Cutter has two blades - one for cutting off plant and the other for notching it.

The difference to local cutters is the twin blades. One is used to cut off the plant and the other to slice the hanging notch into the stem.

After the plants are cut and notched, they are hung by the inch-deep notches on wire stretched across a wood frame. The frames are about 7 by 15 feet and hold about 350 plants. The frames are mounted on a hydraulic trailer, which lowers them for filling and raises them to hang in the shed.

The French price for the cutting machine is about $500. The trailer was built at the University of Maryland for about $1,200 to $1,500. The hanging racks can be built for about $30 each.

"We hang the plants at about double density," McKee explained.

"On the research farm, we built an open-sided pole barn-type building, which permits only one-tier hanging.

"Continuing studies will take a look at how the hanging frames can be lifted to permit multiple-tier hanging in existing sheds."

The Maryland hanging shed is completely open-sided and roll-down plastic is used when the weather requires closing the sides.

Traditionally, the main stumbling block to wider utilization of mechanical cutters in Lancaster County has been the damage and knocking off of lower leaves.

"And when the tobacco is leaning or lodged, the cutters become a real problem," according to John Yocum, of Penn State's Southeast Research Farm at Landisville.

And the hanging of the tobacco by the wire and notch method may not be adaptable to most Lancaster County sheds.

In most local sheds, the interior wood beams on which the laths rest are primary supporting members for the shed.

Wire hanging method is being investigated on University of Maryland Tobacco Research Farm. Stems are notched by cutter and about 350 plants are hung on a wood and wire frame, which is then placed in open-sided shed.

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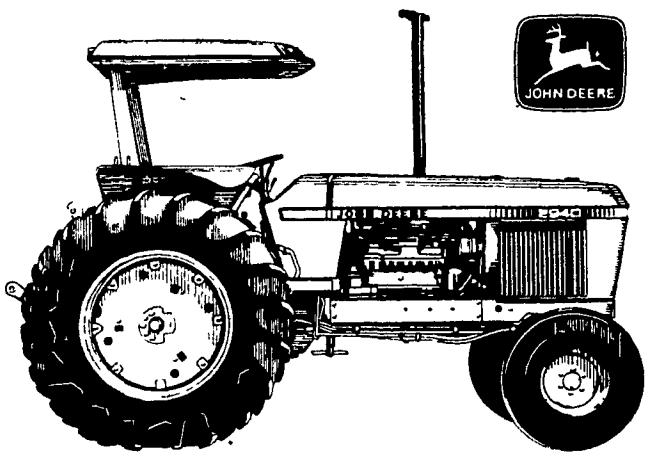

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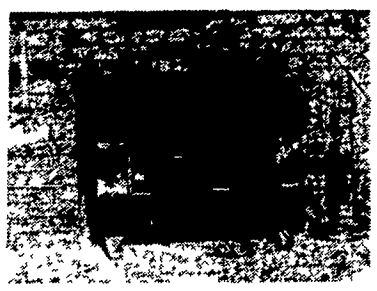

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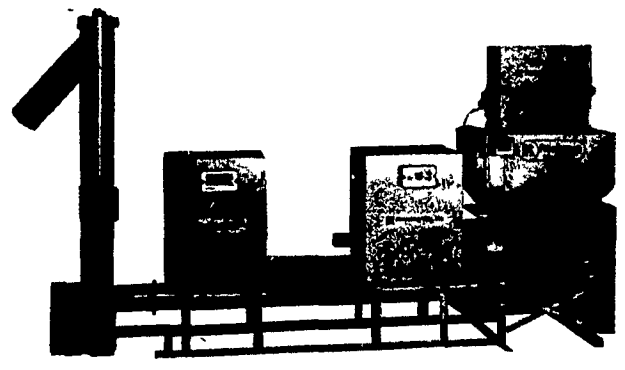

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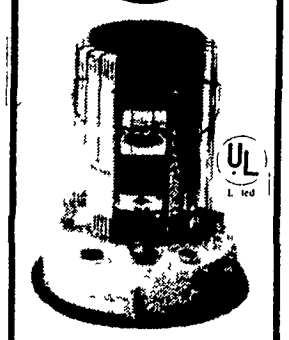

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The Milk Check

TOM JURCHAK
County Agent

The uniform price to producers shipping milk to Order 2 handlers in September was $13.83 a hundred for 3.5 test milk at the 201-210 mile zone. That was an improvement of 15 cents a hundred over last month and 52 cents better than September of last year. Ten cents of that improvement over last month came from your Louisville Plan pay back.

In August it was 35 cents and in September, 45 cents a hundred. The other nickel came from an improvement in your Class I utilization from 39.9 percent to 49.9 percent. A jump of 10 percent was due to an increase of 11 percent in Class I sales from 11.5 million pounds a day in August to 12.8 million in September. You also dropped production slightly in September by about 420,000 pounds a day under August.

That big jump of 11 percent in Class I sales was the first increase you've shown in fluid milk since March but still slightly below the 13 million pounds a day you were selling last September.

The changes in hauling charges in Order 2 that started September 1st are already showing their effect through recaptured sales from other nearby Federal Orders.

Your best month in Order 2 in Class I sales in recent years was January 1979 when you sold 13.6 million pounds a day and you're not too far from that already.

UNIMPROVEMENTS

The jump in your Class I utilization was the one bright spot in Order 2 last month. After that there wasn't any improvement. Even that increase of 11 percent in fluid sales should have earned you more than five cent increase in price (after allowing for the Louisville Plan pay back) but your Class prices dropped since last month from $14.84 to $14.78 on Class I and from $12.57 to $12.52 on Class II.

This was a reflection of the falling Minnesota-Wisconsin price since March. On top of that you had the highest production in 19 years in Order 2 for September.

Stripping away all the Louisville Plan payments—what you put in last Spring and what you're getting back in the Fall — the milk price is lower now then it was last January. The 52 cents over the price of last September is an increase of less than four percent and you know how far that goes with double digit inflation.

It gets harder and harder to find good news to talk about in the milk business. It appears that it will continue to get worse before it gets better and it won't get better until dairy farmers bring production down to the level where they have control of the market.

Some people say that will take two or three years but I'm not so sure. You won't do it voluntarily so it will only happen with dramatic changes in feed prices, beef prices, crop failure or increased demand through advertising and promotion. Any or all of these things could happen at anytime — or never.

NEW YEAR

The new marketing year for the dairy price support program started October 1st and with it a new support price of $13.18 up 38 cents to reflect a 75 percent parity price required by the old legislation because no changes were made by Congress.

The Commodity Credit Corporation was doing business as usual buying more butter the first week of the new year than it had in the last two months. Buying it, of course, at the new support of $1.53 — up four cents from last year. The new support price for powder will be up 2.5 cents to 96.5 cents and cheese increased 3.75 cents to $1.4325 a pound for 40 pound blocks.

It isn't likely that this will have a great impact on the Minnesota-Wisconsin price because the manufacturing grade milk price, on the average, has been lagging by 46 cents a hundred behind the M-W but hopefully there will be some increase in October and November.

By then the Congress may have agreed on some new legislation that will probably drop the support price back to $12.80 where it was last year.

FARMER FRIENDS

Whatever happens in Congress before a new farm bill is finally passed dairy farmers should know that they have some strong friends in the House.

This is where the Livestock, Dairy and Poultry Subcommittee decided to challenge the administration proposal for dairy price supports and won the approval of the entire House by a vote of 400 to 14 on what is called the Bedell amendment which included other commodity price support programs in addition to milk.

The administration and the Senate wanted to leave the support price at $12.80 for another year then go to 70 percent of parity after that if the CCC didn't have to spend more than $750 million. If costs went over that the support price could be dropped below 70 per cent. In 1980 CCC spent $1.2 billion so you can guess it would go over $750 million even in 1982.

The Bedell amendment also left the $12.80 price for another year then raised it to 72.5 per cent in 1982 and 75 per cent after that, to 1985 unless government purchases exceeded 3.5 billion pounds of milk equivalent.

Then it would drop the price to 70 per cent of parity. You could still end up with 70 per cent of parity but you would have another year to make some changes in production. The 3.5 billion pounds of milk equivalent isn't much compared to 8.8 billion that CCC bought in 1980 but it would be more helpful, I believe, to have your trigger on a milk equivalent basis than on a dollar basis because as prices increase the dollar figure represents a smaller and smaller volume of milk.

Anyway, I thought you should know that the House is opposing the administration farm bill and trying to get you something a little better. It also means that it will be some time before a farm bill gets through Congress and unless they pass a separate bill reducing the support price to $12.80 while they make up their minds you can go on "enjoying" 75 per cent of parity for an extra couple of months.

Md. releases new tobacco variety

COLLEGE PARK, Md. — After 18 years of genetic development and testing, the University of Maryland Agricultural Experiment Station and U.S. Department of Agriculture have released a new tobacco variety for farmers that promises high disease resistance.

The new variety—Maryland 341—is the second variety released by MAES and USDA in recent years that has proven to be highly resistant to the volatile tobacco disease "Wildfire," according to Marvin K. Aycock Jr., a professor of agronomy for the University and research scientist for MAES at its experimental farm in Upper Marlboro, Md.

In addition, Maryland 341 meets high quality and yield criteria established by MAES and USDA, said Aycock.

Tobacco companies interested in Maryland 341—most of which are European—have found the variety acceptable for two quality tests: smoke and aroma.

MAES and USDA unveiled the new variety at the University of Maryland's Tobacco Research Farm field day last Wednesday.

There, more than 600 Maryland tobacco growers and other industry-related officials saw an assortment of tobacco research projects conducted by the Agricultural Experiment Station.

Projects on display included a study of the effects of air pollution on early tobacco growth; a comparison study of leaf harvesting (priming) with conventional stalk cutting; ongoing studies of tobacco diseases such as Wildfire, Anthracnose and Blue Mold; a summary of four years of "topping" studies; and, herbicide testing.

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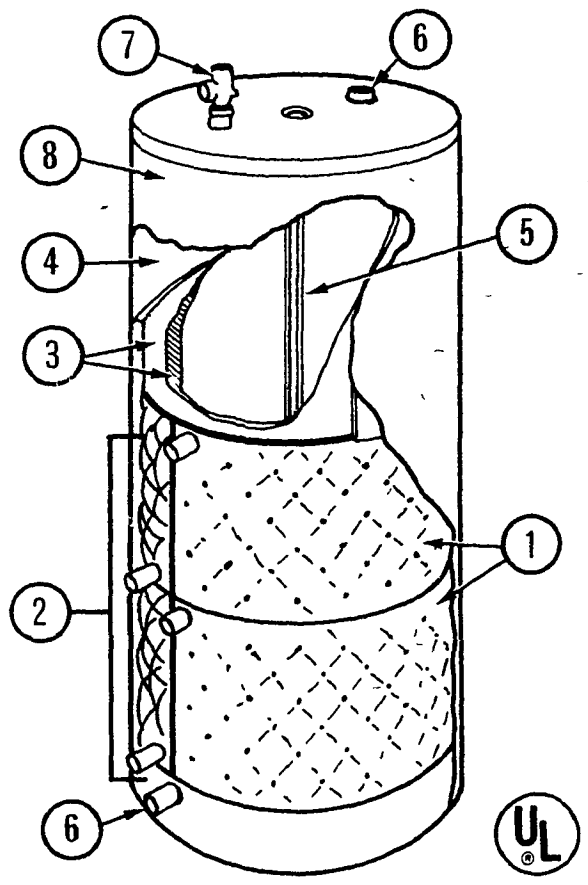

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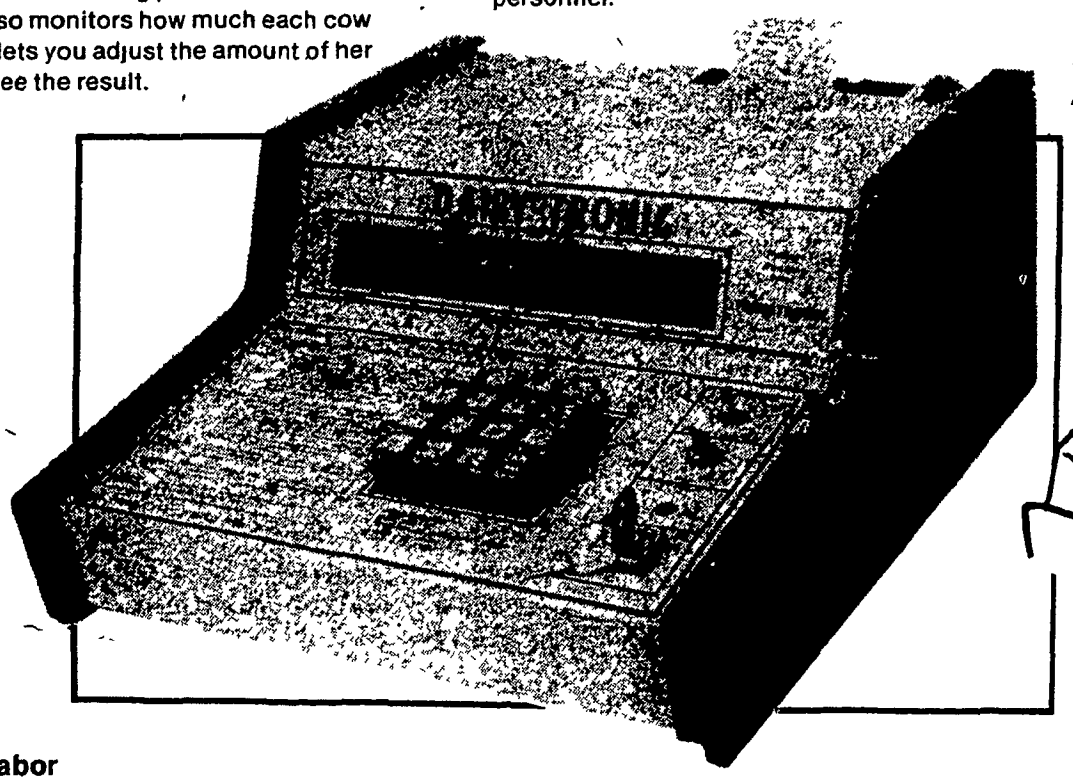

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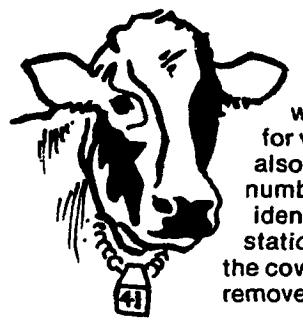
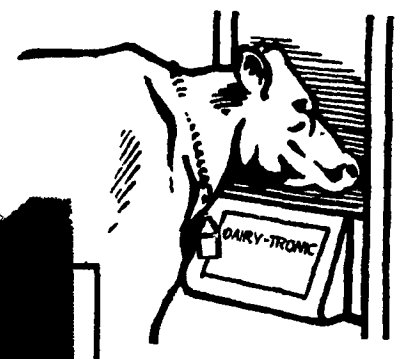
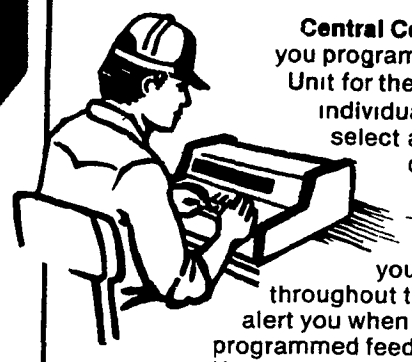
HOW DAIRY-TRONIC™ WORKS



Cow Identification Tag — each cow wears a special tag with her number engraved on it for visual identification. The tag also carries the cow's coded number which is read by the cow identifier at each feeding station. Once the tag is placed on the cow, it never has to be removed or changed.



Cow Identifier— when a cow puts her head in a feeder, her identification code is read by the Cow Identifier mounted on the front panel of each feed station. A signal is transmitted back to the Central Control Unit, and the feeder automatically dispenses the correct ration and amount of feed for that particular cow. Feed is dispensed at a controlled rate which matches a cow's normal rate of consumption. If she moves away or is pushed aside feed delivery stops.



Central Control Unit— you program the Central Control Unit for the exact amount of grain each individual cow should receive, and select any combination of up to four different feed rations that any cow can obtain. You can also instruct the unit how you want the feed to be dispensed throughout the day. The daily printout will alert you when any cow eats less than its programmed feed level The Central Control Unit may be installed in your house for convenient access

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Strays kill eleven in Lebanon County

Dogs aren't sheeps' 'best friends'

BY SHEILA MILLER

BACHMANVILLE — They were grisly sights to look at. And these were the lucky ones — the ones who survived the ferocious attacks.

Still skittersh, they nervously move away — bunching into a jarring, jumping mass of wool as they seek protection in numbers and confusion.

Although they didn't realize they had nothing to fear from this stranger in their midst, the sheep out on pasture at the Lebanon County farms of Sero and Virginia Startoni, R1 Hershey and Lloyd Kreider, R3 Palmyra were skeptical of anything unfamiliar that moved. This was not surprising considering the two flocks were attacked by dogs last week — leaving a total of 11 sheep dead and 9 still suffering from extensive wounds.

The Kreider flock was the first to be hit by the canine culprits. According to Kreider, the attack occurred on October 24 at 5:30 in the morning.

"The neighbor's dog and ours started barking and wouldn't quit," recalls Kreider. "My wife got suspicious and turned on the light out in the sheep pasture. She saw two dogs run."

Kreider says he grabbed his shotgun and flashlight and ran out to the sheep pens. "I headed down toward the pond because that's the direction I thought I saw the dogs go. Then one dog, a police-type dog that was on the light-colored side, ran out of the sheep pen.

"I shot at the dog but I was too low. I heard it yelp, so I must have hit it in the foot. But I didn't kill it."

The other marauder was described by Kreider as being a German shepherd with gray and black markings.

The aftermath of the dogs' assault was not a pleasant site, recalls Kreider. On surveying his pasture, he found 7 dead sheep — 2 were lying in his pond and 5 were scattered along a small stream that runs through the pasture.

Kreider contacted Dr. Leon Reigel of Valley Animal Hospital, Palmyra to try to patch up 5 of his sheep that had managed to survive their assailants' attack. After two hours of stitching, the veterinarian had done what he could for the 'lucky' ones.

In the mean time, Kreider had been on the telephone trying to contact the local dog law enforcement official, Ivo Talamonti, who was away for the weekend. So he called the South Londonderry Township police and Officer Keith Toomey arrived soon after the call was placed.

After surveying the damages, Toomey showed Kreider pictures of stray dogs in the area, but none of them could be identified positively by Kreider as the dogs who attacked his flock. The officer continues to patrol the area in search of the strays.

This is the third time, Kreider says, that he's had trouble with dogs attacking his sheep. He recalls how he had to shoot a Siberian husky several years ago while it was hanging on a sheep's back.

"It gave tears when the owners came to pick up the dog. They had told the dog law officer it was only loose a short time. But, it had no collar on and I had to shoot it or it would have killed my sheep," Kreider recounts.

"If people only realized what these dogs can do, the dogs would stay tied or penned up. All they'd have to see was the damage they did to the sheep, and that would change their minds," he explains. "People don't know they're responsible for the damages their dogs do."

Kreider, who has his flock fenced in by 39-inch high American wire fence, says he's not going to try anything different in keeping dogs away from his sheep. "These big dogs that cause the trouble can jump over the fences or crawl through the gates. Even though my sheep were in the pens for shelter, the dogs chased them out and started running them down."

The full-time farmer says he'll just have to "keep an eye out" for any stray dogs. "I used to be pretty lenient about strays because I like dogs. But this changes things. My vet bill for the ones that made it was $70 the first day, and the 7 sheep that were killed I valued at $100 a piece — those Suffolk-Cheviot crossbred ewes always produced twins and that's worth more money."

The next flock attack by dogs occurred across the fields and a woodlot away from the Kreider farm. Cero and Virginia Startoni lost 4 sheep and are watching the slow, painful recuperation efforts of an equal number of head.

According to Virginia, the sheep were attacked last Thursday morning between 8 and 9 a.m. "I was going down to the barn to feed my two horses and I heard the dogs barking. Instead of going back to the house to get a gun, I ran down to the sheep pasture to investigate."

What Virginia witnessed was two or three "police dogs," gray, white and black in color, running her commercial sheep down. "It was a mess and there was blood all over. If I would have gotten my gun, perhaps I could have shot the dogs. I don't know — I haven't shot a gun for a long while."

When the dogs were finally chased away and the damage assessed, Virginia contacted her veterinarian, Dr. Samples of Hummelstown, and the dog law officer. Together, she and her veterinarian began the gruesome task of carrying the victims to the barn. Two of the sheep had to be destroyed and two were already dead. Several others were severely injured around the head and neck, some could hardly walk.

"It was awful. The dogs had eaten two of the sheep on the sides down to the ribs. One of my ewes has one side of her face gone and can hardly breathe. It hurts me to see them suffering," says Virginia.

One week after the attack, and after three visits by the veterinarian, three sheep still remain in the barn, barely eating and struggling to survive.

Says Virginia, "We'll never get back from the state what we're losing. In order to protect my sheep from another attack, I have to keep them penned up instead of out on pasture. That means I have to start their winter feed early."

This is the third time dogs have attacked and killed sheep on the Startoni property The previous

(Turn to Page A39)

Justifiably wary, the surviving ewes in the Kreider flock are still nervous and flighty when approached by strangers. Kreider blames the fact that the dogs could hurt so many of his sheep to the fact that "sheep will run and never make a sound — even when attacked. After a while, they go into shock and just wait for the dogs, as if in a daze."

Lloyd Kreider, R3 Palmyra, checks the condition of one of his commercial ewes that is slowly recovering from wounds sustained after dogs attacked her two weeks ago. The dogs went for her head and neck, explained Kreider, pointing out her eye which was severely wounded and is now covered over by a thick scab.

Virginia Startoni keeps a close watch on her 14 remaining sheep. She lost 4 sheep to the dogs last Thursday, and has four other ewes that are in bad condition.

"Here's one we missed," said Kreider, who had the vet out to stitch up the 'lucky' sheep. "We stitched this lamb's neck but missed her front leg and belly that the dogs had torn open. I wash it out every day and treat it, but it's still draining."

Obviously in discomfort, this ewe may not survive the damage inflicted by stray dogs who opened one side of her face to the bone. Another flock member had to have its ear amputated.

Cattle cycle

(Continued from Page A12)

drought in 1975 put more of a crunch on feed supplies and prices. Producers had expanded the U.S. cow and cattle herd to a record 132 million head by then, and the only way to go was to slaughter."

Rebuilding Underway

Cattle numers remained about even throughout 1979, after declining 16 percent from 1975's record high. Expansion was encouraged in the spring of 1979, however, by excellent grazing conditions and record prices. By Jan. 1, 1981, the U.S inventory had increased about 4 percent to 115 million head, because more heifers had calved during the preceding year.

However, current record interest rates, poor returns, and the severe drought in 1980 have likely slowed expansion in 1981. The inventory on January 1, 1982 is expected to show an increase of only about 3 percent. Nevertheless, weather conditions and, consequently, forage supplies this year will greatly affect the new figures. Producers must have a good grazing year and replenish depleted forage stocks to continue expansion.

Originally, some economists had figured on a strong early rebuilding phase in the current cycle. But high interest rates, lower returns (in the face of ample supplies of other meats), and the drought curbed that rebuilding, and the industry now sees beef production turning up slowly from 1979's low point.

For producers, this slow growth could be good news. Since the beef industry isn't rushing to overexpand, profits could again be in the picture.

USDA economists currently expect the expansion phase to peak sometime after 1985, perhaps as late as 1987. At the peak, the top cattle numbers are projected at 124 million head, with cow numbers approaching 55 million — well below 1975's record — including about 10 million dairy cows.

When liquidation begins, its extent and depth will depend on the combination of internal influences such as market prices, and outside influences such as inflation, supplies of competing meats, weather, and exports. Unless the outside pressures all push in the same direction, projections indicate a modest liquidation over a 2-year period, probably in 1987 and 1988.

An Industry Ideal

Fluctuations in supplies and prices could be reduced considerably if production were geared to consumer demand. But, this achievement depends on obtaining answers to several questions. What is future demand? How can cattle inventory be limited or increased to meet the demand for beef plus supplies of competing meats? Even if supply is matched to demand, can such a production level be maintained over-time?

Answers to these questions are just what industry and USDA economists are working toward.

Imagine a situation where production meets consumer demand at a price that gives producers a "break-even" return Economists call this a "steady-state meat sector," one based on estimates of per capita demand for beef and other meats

To maintain a "steady-state," a 1980 per capita beef consumption of 81 pounds retail weight and an inventory of 37.6 million head of beef cows would have been necessary on Jan. 1 last year. But, according to Crom, we actually consumed only about 78.3 pounds of beef per person, and the Jan. 1 inventory of beef cows was 37.0 million head.

The discrepancy between 1980 steady-state consumption and actual 1980 consumption shows how difficult controlling the cattle cycle is. In 1980, slaughter was reduced because the inventory was lower and producers were holding more heifers for herd expansion

But consider the difficulty of predicting consumer demand in 1990. Currently, for 1990, per capita demand for beef is estimated to increase to 89 pounds.

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Dogs attack sheep

(Continued from Page A38)

attacks happened some time ago, however "I just didn't expect it to happen again," sighs Virginia, as she latches the pasture gate

What can sheep producers do to protect their sheep from attacks by dogs?

According to a Pennsylvania Department of Agriculture spokesperson, new fencing solutions might be the answer.

Some producers have turned to the New Zealand high tensile fencing rather than the standard American wire sheep fencing. Others have strung a trip wire, a strand of wire located 8 inches on the outside of the 6-inch box wire fence and several inches above the ground. This is supposed to prevent the dogs from digging under the fence. Still other shepherds have adapted 3-strand electric wire not more than 3 feet off the ground to meet their needs.

Other solutions might include: strapping brass bells around the necks of several sheep (the noise scares some dogs away and alerts the owner of trouble); running goats with sheep (they tend to be more defensive); having a good sheep dog; and educating dog owners of their responsibilities.

Pennsylvania's acting dog law director Dan Martin comments that "the best way to keep sheep protected is by a shepherd's constant surveillance and by bringing the sheep in at night."

He adds that some management practices of sheep producers actually invite trouble, such as allowing loose sheep to wander.

The dog law official reports that since January, Pennsylvania has paid out $39,000 to reimburse sheep producers for losses to dogs. Altogether, the state has awarded $46,000 in damages to farmers for all livestock killed by dogs, which included one horse, calves, and poultry.

During that 10-month period, there were 758 sheep killed by dogs across the state, primarily in southwestern Pennsylvania where the popultion density of sheep is greater. Of that total, the state paid for 632 sheep under an animal indemnity grant, giving fair market value for commercial sheep and a slightly higher price for registered stock. The other sheep were killed on farms where the owners' dogs weren't licensed — one of the qualifications for reimbursement.

The state legislature has allocated $50,000 for this reimbursement to farmers, the same amount as last year when funds ran out at the end of April This amount, however, can vary — one year it was set at $66,000.

These funds are used to cover the cost of livestock and poultry killed by dogs, along with reimbursement for expenses to injured animals (up to the price of the animal). And, these funds are used only when the dogs' owners cannot be located or determined; otherwise, the dog owner pays all damages.

Martin explains that according to the Dog Law, Act 437 (1965), all dogs must be licensed and under the direct control of their owners at all times. He points out that any dog can be killed, regardless of license status, if a farmer catches it in the act of attacking livestock.

"If a farmer sees a dog attacking his livestock, he can shoot it or kill it by some other means — even if it's Rin Tin Tin," stresses Martin.

Last year, Pennsylvania's dog law enforcement officials prosecuted 5,600 people for violations. "People don't understand they have a responsibility when they own a dog. Some people only learn by being fined."

Until pet owners are shown how much damage "man's best friend" is capable of, farmers' livestock will continue to be the main course in this "education" process.

NPPC grants

(Continued from Page A27)

density of DNA in the cell, and to the rates of muscle synthesis and breakdown.

- Feeding Animal Fat to Sows and the Effect on Baby Pig Body Energy Storage and Milk Yield of Sows; Dr. R.W. Seerley, University of Georgia; to determine the role of fat in the sow's diet to fetal development and milk yield and to determine a practical method of increasing the baby pigs energy storage during late fetal development.

Reproduction Improvement

- Improving Rebreeding Performance in First-Litter Sows; Dr. J.H. Britt, N.C. State University; to evaluate the effects of adding fat to lactation rations, of weaning the heaviest pigs in the litter early, and of treating with hormones on the rebreeding performance of first-litter sows.

- Does Sow Management (Individual Crate vs Group Pen) from Weaning to Day-30 Gestation Affect Reproductive Performance?; Dr J.S Stevenson, Kansas State University; to determine the effects of housing sows in individual stalls or group pens at weaning on weaning-to-estrus interval, percent sows bred by 15 days, pecent sows open 18-to-25 days, and percent sows farrowing

- Correlation of Semen Quality Evaluation and Boar Fertility in Commercial Swine Herds; Dr B J Thacker, University of Minnesota, to determine whether semen quality evaluation is correlated with the fertility level of boars in commercial swine herds.

- Seroepidemiology of Porcine Parvovirus in Boars Upon Entry into the Breeding Herd and at Slaughter; Dr. B.J. Thacker, University of Minnesota; to determine the serostatus of boars entering the breeding herd and whether seronegative boars seroconvert following entry into the herd.

- Causes of Delayed Puberty in Gilts Due to Confinement Housing; Dr. G.B. Rampacek, University of Georgia; to compare ovarian response to hormone treatment, gland response to ovariectomy, and gland response to hormone treatment in confined and non-confined gilts.

- Evaluation of Daylength (Photoperiod) and Light Intensity (Photointensity) as Causes of Delayed Puberty and Behavioral Anestrus in Confinement-reared Gilts; Dr D R. Zimmerman, University of Nebraska; to determine the influence and inaction of photoperiod and photointensity on age at puberty and regularity of cyclic activity following puberty

Special Project

Establishment of Prediction Equations to Evaluate the Composition and Efficient Growth of Market Swine, Dr R G Kauffman, University of Wisconsin, Dr L L Christian, Iowa State University, Dr. H R Cross, USDA/USMARC, to develop a formula to predict the composition of market hogs based upon objective live animal or carcass measurements

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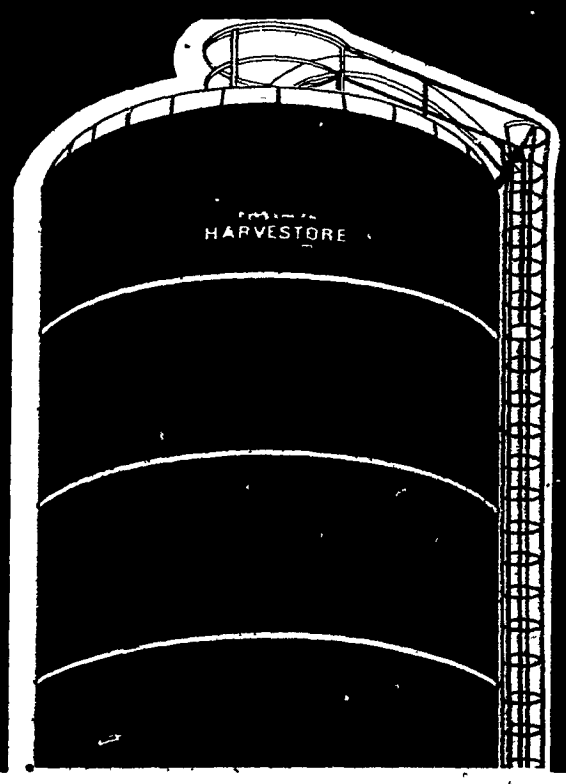

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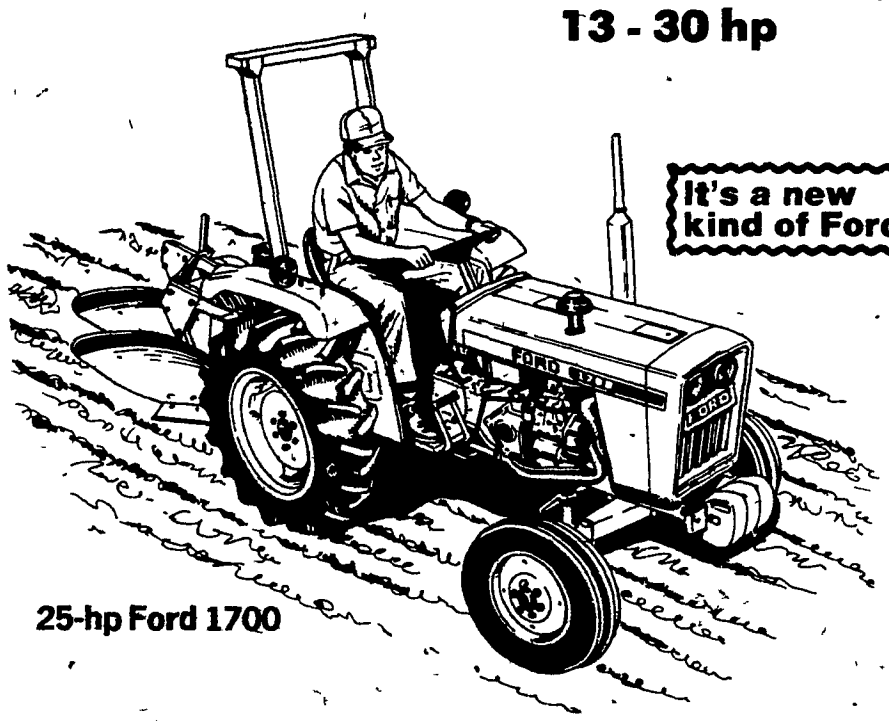

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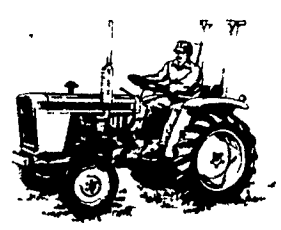

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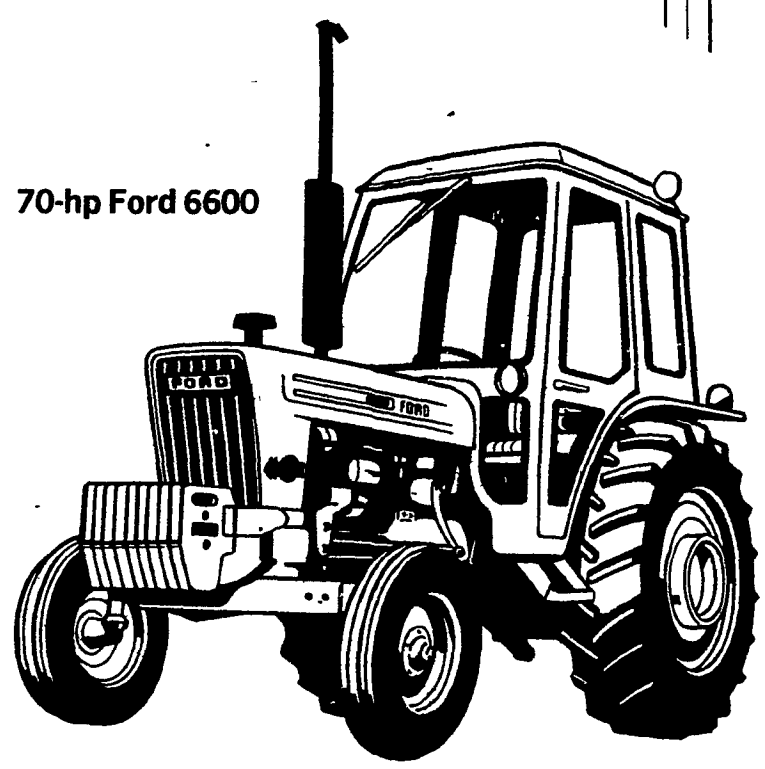

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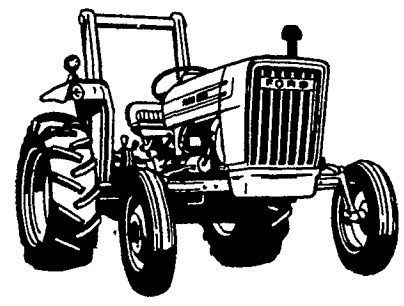

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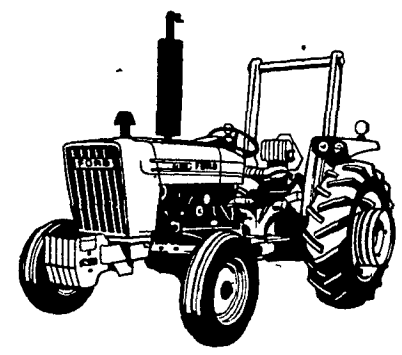

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Former "city girl" finds career in agronomy

By LAUREL SCHAEFFER
Staff Correspondent

This summer a new face was added to the Berks County Agricultural Stabilization and Conservation Service office, whom many countians may have met already that of Mercedes Seman. Mercedes joined the local staff in mid-July, coming from Westmoreland County, located directly across the state in western Pennsylvania.

Now a very enthusiastic soil conservationist, Mercedes would never have dreamed just four or five short years ago that she would be holding such a position. Raised in central Pennsylvania, in New Cumberland a town located near Harrisburg, this young lady admitted that she never even knew that such services as ASCS existed until she entered college.

"I was never on a farm until I went to college," she said in all honesty. Continuing, the soil conservationist also admitted that she didn't even know anyone who was from a farm while growing up.

However, not to stop determination, this "city girl," planning to pursue a career in business switched gears and decided to follow her instincts instead.

"I knew I really wanted to be in agriculture," she explained, "and found agronomy the most interesting."

The crop aspects of agriculture drew her attention when reviewing the various agriculture majors at Penn State University. So after being enrolled in business as a freshman, this student switched majors — a decision she has never regretted.

"While I was studying business courses, I had friends enrolled in forestry," she explained." I realized that they were studying subjects and doing something that was more like what I really wanted to do — even if the job market wouldn't be as strong."

Mercedes graduated in May 1961 and went to work as a full time soil conservationist. She had only completed one soil course when she was hired as a summer trainee with the ASCS between her sophomore and junior years of college. Placed in Westmoreland County, this young lady didn't even know what the job would be like or involve until she started. But she soon discovered that having a job in her chosen major and doing and learning something she really enjoyed was one of the greatest things she could imagine.

During the next two summers she was taught a little about everything at the ASCS office. This included working on farm plans, conservation strips, diversions, waterways, and stripmine work. Here she helped those farmers that were interested in protecting and reclaiming the land.

All of these experiences involving many different aspects and types of farming have been new to this soil conservationist. She is always trying to learn more about different type of farming and admits there's so much she still needs to learn.

"I've learned a lot from books while at college, but experience is what teaches," she said. "A person can learn just so much from a book, but experience is what backs it up."

Mercedes noted that this first hand education, she is obtaining about the different aspects involved in farm operations is one of the features of her job that she likes best.

"I also like the fact that the ASCS is an advisory organization and not a service that is directly costing farmers anything," she said ernestly.

Another aspect enjoyed most by this soil conservationist is being able to meet different people. After having grown up in the middle of the state, Mercedes has enjoyed being placed in both western and eastern Pennsylvania. People from different areas have different customs and even speak differently, she related. They also have different problems because they are farming in different types of areas.

Having the opportunity to move to different offices across the state provides more experience and broadens knowledge of various conservation practices too, she said. "First hand experience is the best way to learn."

Mercedes also noted that she feels it is very important to get to know the people in the county.

Presently she is usually working with an experienced member of the ASCS staff while she is perfecting her own skills.

She has enjoyed Berks County and especially likes to be outside on assignments where she can see the beautiful countryside.

"Berks looks like a busy county," she stated. It is very interesting and there always seems to be something going on with farming or industry," she said.

Mercedes also noted that the volume of agriculture seems much greater here than in her previous location. The ASCS office is larger too, because the county's agriculture is greater.

In Westmoreland County the topography is much more mountainous, the hills are much steeper and run-off is more of a problem. In Berks County however, with the flatter, rolling hills, Mercedes has learned different conservation practices more appropriate to the terrain.

Here she has learned how to build terraces, something she never had the opportunity to do in the steeper farmland. She has also been exposed to many more animal waste holding facilities, but noted that they are increasing in popularity in all areas of the State.

While in Westmoreland County, Mercedes helped to design many more diversions; especially near the strip mines. A diversion, Mercedes explained is deeper than a terrace, having a greater water-carrying capacity while terraces are broader and in many instances can be farmed over.

"With terraces, not as much farmground is being lost to production and run-off water is being returned to the ground and not carried away as it is in diversions," she explained.

Because the stripmining in western Pennsylvania is usually done on steep slopes many diversions are being employed to ease run-off. Much of the land is being refilled after mining but is very unstable, loose and susceptible to washing. It is usually replanted into grass, Mercedes explained, and used for pasture. Some, however, has been mowed for hay.

Mercedes explained that it takes quite a few years to reclaim the refilled mine areas and get them back into production. She has seen oats grown on reclaimed land but believes that it would take perhaps as much as fifty years to get the soil into suitable corn production. "The land needs to be stabilized first," she explained.

This new but very knowledgeable soil conservationist also explained that she has worked with sewage sludge by applying it to the reclaimed land. She quickly admitted that is wasn't very popular with the people of the area but did prove to be of value to the soil.

"The reclaimed land can use all the fertilizer and organic matter it can get," she explained.

Another aspect of the sludge not appreciated by the people of the area was that the sludge was coming from Philadelphia where treatment plants are equipped to handle the sewage in the needed form. "They (the area residents) felt that if sludge was going to be used it could at least be local sludge," Mercedes noted lightly.

Mercedes is presently going over the more than 3,000 conservation plans in the Berks County files to bring them up to date. Some of which date back to the 1940's. She is especially interested in contacting the owners of the land to see if they are interested in revising their plans or updating them. This gives her another opportunity to meet new people and see different farming operations.

She would also like to sign up new people and feels it is important that land owners become aware of the conservation practices available to them and what would be practical for their operation and farmland.

"Every little bit of conservation helps," she stressed. Mercedes had previously expressed her desire of being able to produce the best possible crops from what soil was available as being another major reason for studying agronomy.

This twenty-two-year-old conservationist also enjoys other things besides her job. She is presently engrossed in decorating her newly found apartment, the first she has ever had. Mercedes also enjoys many different crafts. She has been crocheting since third grade. She also knits, enjoys drawing, and refinishing furniture.

At this time she is trying to catch up on her "loose-ends" before starting another project. She hopes to start making a quilt soon though. Most of her craft skills have been picked up as she grew, noting that she wasn't involved in 4-H even though she wishes there was a club in her area while she was younger.

Mercedes feels quite lucky to have found a career in her chosen field so quickly. "Before I switched my major while in college, I didn't believe a girl from the city could possibly get a foothold in agriculture," she explained seriously. "I even worked as a bank teller before working for the ASCS," she continued.

Mercedes expects to be in Berks County for approximately one year. "It could be shorter or longer however," she explained, depending on the needs of different areas and the ASCS positions available."

Mercedes Seman, Berks County's new soil conservationist with the Agricultural Stabilization and Conservation Service, reviews some conservation practices. Mercedes joined the staff in mid-July, coming from Westmoreland County.

Mercedes travels on field visits in her faithful truck. She says field experience is just one of the enjoyable aspects of her job. "I've learned a lot from books while at college, but experience is what teaches."

Homestead Notes

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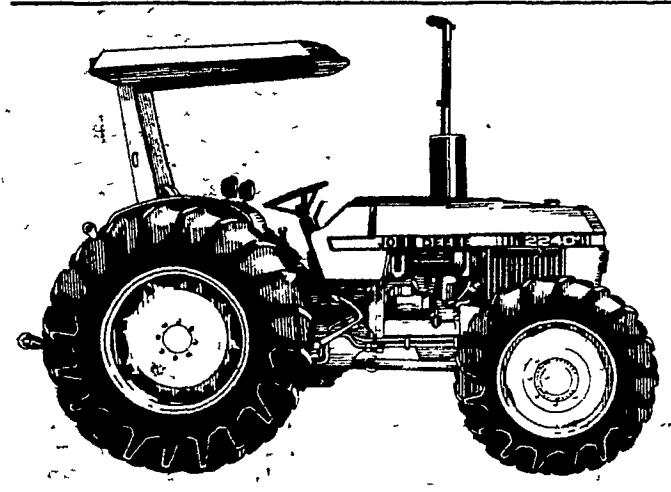

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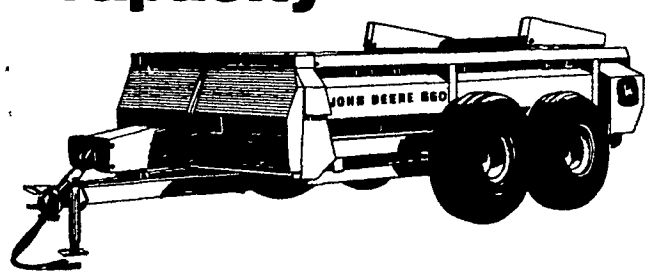

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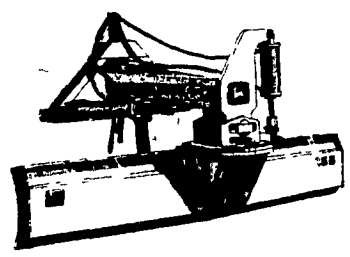

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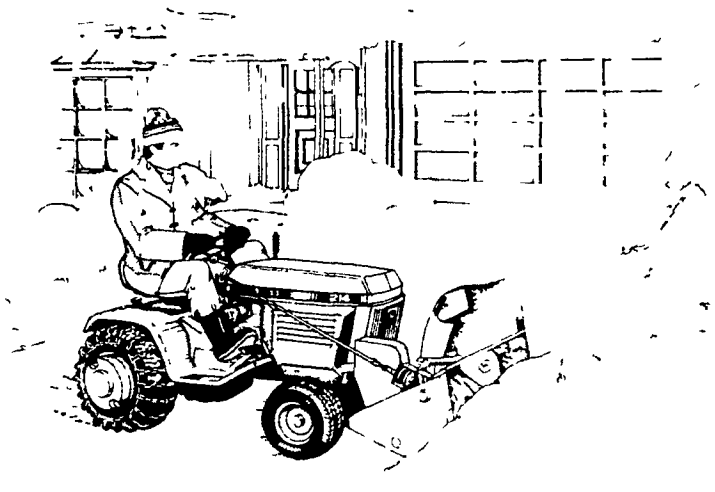

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Ida's Notebook

Ida Risser

I've just had a good incentive to get my fall housecleaning finished

You see, the Bible study group met in my home the other evening And besides putting the house in order, I also had the study to prepare. In a way, it didn't seem fair — I was torn between polishing the silver or going over the lesson one more time. But, as always, the people came and the people went and now I can turn my thoughts to other things.

My reflections on a recent trip to Baltimore are pleasant. The Fine Arts Group that I traveled with went first to the Walters Art Gallery. The museum has recently expanded to accommodate the large collection of works of art from ancient Egyptian times to early 20th century. It was willed to the city of Baltimore in 1931 by Henry Walters, the son of William Walters who had a very large private collection.

There was simply too much to see in the few short hours that we spent there. There were not only pictures, statues and jewelry but also tapestry and furniture in the huge building.

Our bus then took us to Harbor Place or, as it is often called, Inner Harbor. It is truly an interesting mix of shops and restaurants. After buying our lunch, we carried it to an outdoor bench to eat and watch the parade of people going by. The ship, U.S. Frigate Constellation and the World Trade Center building were nearby. Smaller boats were continually moving in the harbor.

There were many specialty shops closeby including one that carried only kitchen utensils and gadgets or every conceivable kind. Another shop was filled with butterflies in various forms while still another had only paper products.

Our group had a reservation at the Natinal Aquarium for three o'clock and so avoided standing in line for hours. However, when we got inside, we found wall to wall people and it was difficult to view all the exotic fish that were on display.

We did see the sharks and the authentic rain forest but I'd advertise waiting a few months until the rush of the crowds is over before going to Baltimore to see the aquarium.

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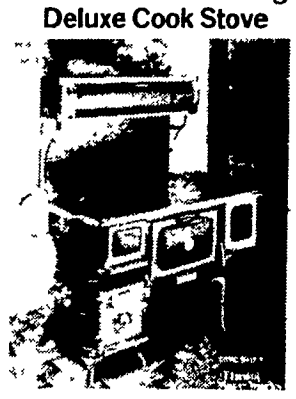

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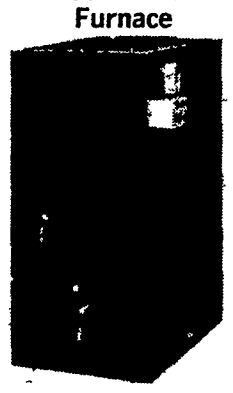

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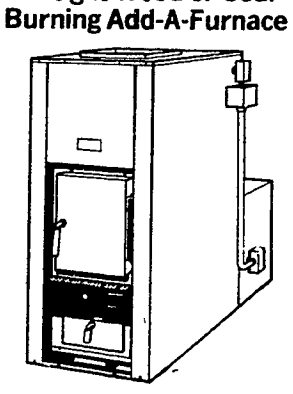

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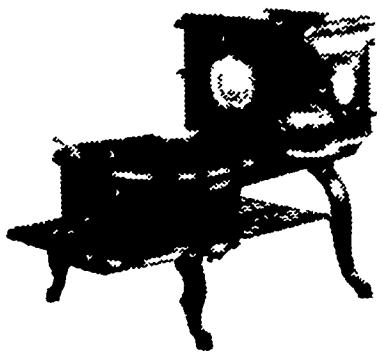

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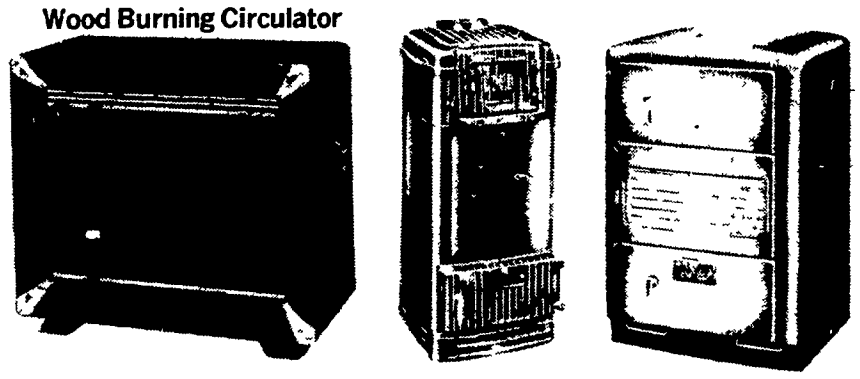

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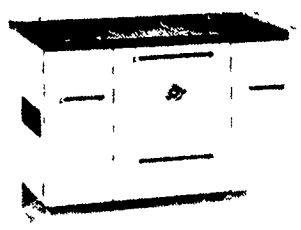

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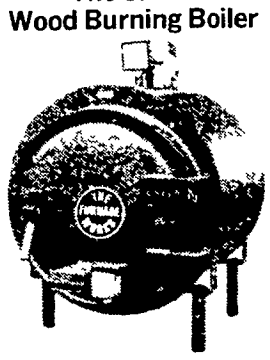

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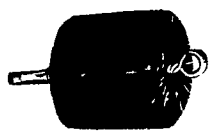

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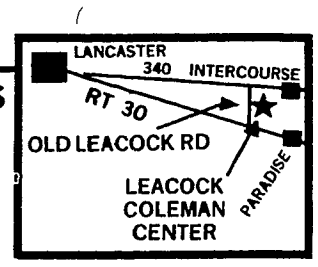

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York, Lancaster plan energy seminars

LANCASTER - An evening seminar on saving energy dollars on the farm has been scheduled for Monday, November 16, in York County at the 4-H Center and for November 23 at the Farm and Home Center in Lancaster County. Both will begin at 6:30 p.m. for registration and 7 p.m. for the seminar.

All farmers, soil conservationists, employees of businesses and industries related to agriculture, and interested citizens are invited to attend.

Farmers in the Region VI area are responding to the nation's energy crisis by wisely conserving energy and by implementing alternate energy sources. During this evening seminar you will be introduced to individuals who are helping solve farm energy problems.

Richard Waybright of Mason Dixon Farms who will speak at York and Lancaster, is becoming well-known for his successful development of the anaerobic digester system implemented on his family's farm in Adams County. The system generates enough electricity to sustain the 2,765-acre dairy farm. Waybright will discuss all aspects of implementing the anaerobic digester and other alternative-energy systems.

Christian Wagman, Supervisor for Commercial and Industrial Services, and Paul Wojciechowski, Residential Representative, from Metropolitan-Edison in York County will discuss the Residential Conservation Service Program and rate and time-of-use rate difference between farms and residences, at the York seminar.

Thomas Johnson, district administrator for Lancaser County Conservation District, will present ways of applying solar energy on the farm, particularly for heating water and drying grain. Also, Johnston will discuss the non-till process and recovering heat from compressors, at the Lacaster seminar.

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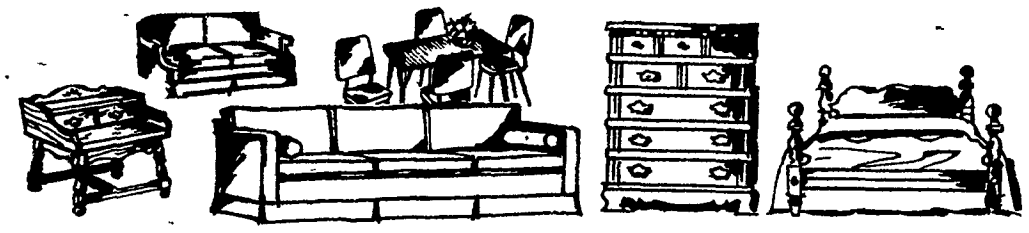

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QUEENS...	$589 95	$269.95 set
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(Limited offer...first come first served...20 yr. warranty)

12 - 13" Color TV's... Reg $389.95 ..... $225.00
27 - 19" Color TV's... Reg. $569.95 ..... $280.00
(all new all warranty)

20 - Pine End Table Set... Formica Tops...Reg. $249.95 . $109.95
36 - Double & Single Beds...Pine...Maple
SINGLE...Reg $159 95 ..... $69.95
DOUBLE...Reg $189 95 ..... $74.95
RAILS EXTRA...Reg. $21 00 ..... $8.50

MANUFACTURER DISCONTINUED
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125 - Bunk Bed Sets... Complete...Pine & Maple ...Reg. $409.95..... $169.95

80 - Hide-A-Beds
SINGLE...Reg. $429.95 ..... $189.95
DOUBLES...Reg. $649.95 ... $249.95
Queen..Antron Nylon...Reg. $1089.95 ..... $349.95
Love Seat...Early American... Antron Nylon Print... Reg. $869.95 ..... $269.95

MANUFACTURER OVER STOCK
45 - 2 Pc Sofa & Chair...Covered In The Finest Fabric... Reg. $1889.95 ..... $429.95
40 Pc - 2 Early American... Living Room... Reg. $1289.95 - 1889.95 ..... $329.95 Nylon Covers
25 - 3 Pc. Early American...Nylon & Antron Prints... Reg. $2289.95 ..... $529.95
5 Pc. Dinette Set...4 Uph. Chairs...Formica Top... Reg. $529.95 ..... $179.95
37 - Double Ped Desks... Pine & Maple...Reg. $209 95 ... $89.95
25 - Student Desks ...Reg. $189.95..... $69.95
130 - Chest 5 Drawers Pine & Maple...Reg. $169 95 ... $69.95
20 - Chest 4 Drawers... Walnut...Reg. $129.95 ..... $49.95

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200 - Lane Hope Chest...Uph. Seat...Early American & Trad...Reg $369 95 ..... $129.00
191 - Swivel Seat...Padded ...Heavy Duty Bar Stools... Liquidating For Local Mfg... Reg. $89.95 - 99.95 ..... $25.00

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252 Coils 7 312 Coils Same Price Your Choice
Single Sets...Reg. $189 95..... $69.95
Double Sets...Reg $249.95 .... $89.95
King & Queen Sets Too
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25 - Rd. Tables...Pine... 4 Chairs...Leaf ...Reg. $389 95..... $189.95

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DECEMBER 5, 1981
9:00 AM

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- FARM EQUIPMENT
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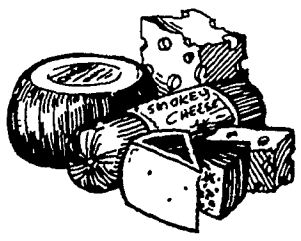
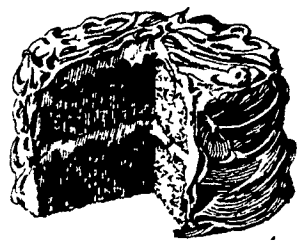


Home On The Range



Perfect Pies

There's no better way to finish off a successful meal than with a delicious pie for dessert. One bonus pies have over cakes is that they can be prepared ahead of time, frozen, and still taste fresh when you serve them.

Two favorites in our pie section this week are two-in-one pie and fluffy pudding pie.

Fluffy pudding pie is great for meals when time is short and you need something special to impress your guests.

Two-in-one pie treats those who hunger for both mincemeat and pumpkin. Now you can keep everyone happy.

FLUFFY PUDDING PIE

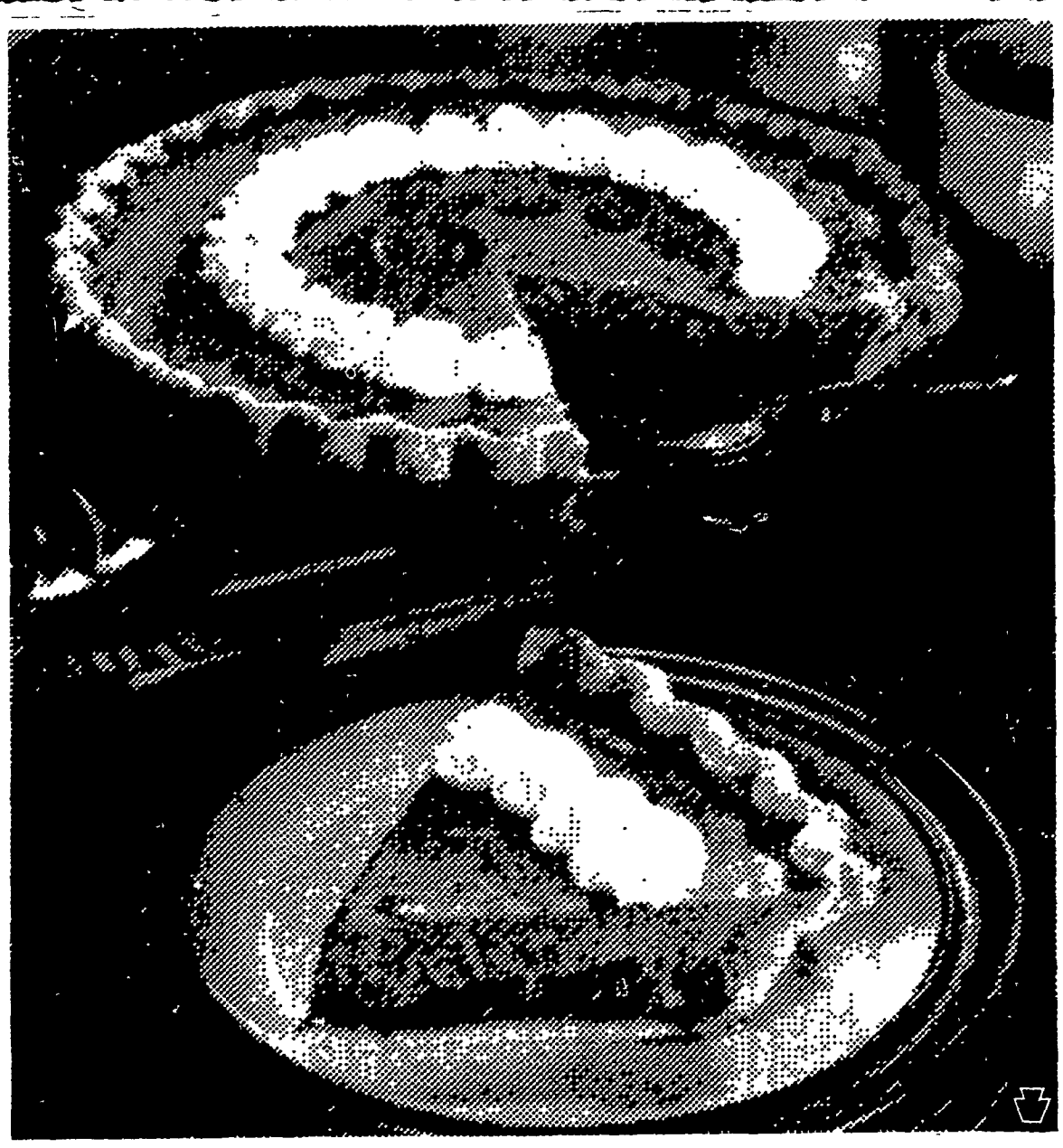
2 envelopes whipped topping
2 3/4 c. cold milk
1 t. vanilla
2 pkg. instant pudding and pie filling, any flavor
1 baked 9-inch pie shell, cooled

Prepare whipped topping mix with 1 cup of the milk and the vanilla as directed on package, using large mixer bowl. Add remaining 1 3/4 c. milk and the pie filling mix. Blend; then beat at high speed for 2 minutes, scraping bowl occasionally. Spoon into pie shell. Chill at least 4 hours. Garnish with sliced nectarines and mint sprigs, if desired.

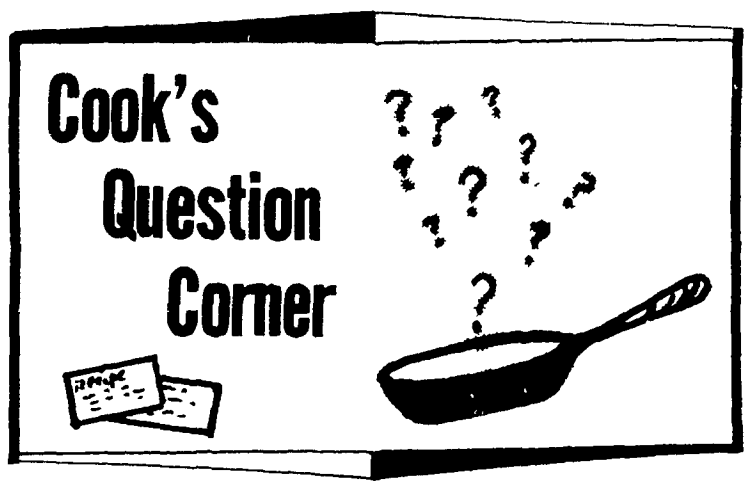
KEY LIME PIE

1 1/2 c. sweetened condensed milk
1/2 c. lime juice
2 eggs, separated
1 T. grated lime rind

Blend condensed milk, juice and rind. Add egg yolks. Mix well. Pour into baked pie shell. Beat egg whites stiff. Gradually add 4 T. sugar, beating constantly. Swirl meringue on top of filling. Bake at 350 degrees for 20 minutes.



Two-In-One Pie



QUESTION — Can apple cider be canned?

A reader from Harrisburg

ANSWER — Doris Thomas, Lancaster County Extension home economist was most helpful in supplying an answer of "yes" for you and in giving instructions. She said to get fresh cider and strain it through a jelly bag (sugar used to come in a fabric bag known as a jelly bag. - you can use cheese cloth, now, however). Pour strained cider into hot, sterilized jars leaving ¼ inch head room. Process in hot water bath at 185 degrees Fahrenheit, for 30 minutes, for both pints and quarts. Good luck.

QUESTION — I was wondering if Mrs. Adam Miller of Hartley, Delaware, who earlier had supplied it, could send me her recipe for velveeta cheese. Could anyone help me with this recipe if she can't?

Savilla Yoder, R2, Watsontown, 17777

QUESTION — Could anyone supply me with a recipe for magic chocolate swirl cake?

Ellen Nolt, New Holland

QUESTION — Does anybody have a recipe for ham patties?

Mrs. Donald Knotts, Meyersdale

ANSWER — For the lady who inquired about sweet milk, I would like to say we are from the south and sweet milk is just plain milk to us. We always expressed the types by saying buttermilk or sweet milk. If you happen to get any southern cookbooks, you will see sweet milk mentioned frequently. The same is true of bread. I'm sure your recipe will come out alright just using plain white milk.

Mrs. Gene Jennings, Fallston, MD

Recipe Topics

November	
14	Nuts to you
21	Thanksgiving favorites
28	Potato Recipes
December	
5	Cakes promote friendship
12	Cookies for Christmas
19	Popcorn favorites

TWO-IN-ONE PIE

1 8-oz. can crushed pineapple
1 c. mincemeat
1 unbaked 9-inch pastry shell
1 can pumpkin
1/4 c. sugar
1/2 t. cinnamon
1/4 t. ginger
1/4 t. nutmeg
1/4 t. salt
2 large eggs, beaten
1 can evaporated milk (2/3 c.), undiluted
1/4 c. syrup from pineapple
whipped cream

Drain pineapple well, reserving syrup. Combine mincemeat and pineapple and spread over bottom of pastry shell. Combine pumpkin, sugar, spices, and salt. Blend in eggs, milk and pineapple syrup. Carefully pour over mincemeat mixture. Bake, below oven center, in hot oven (400 degrees) for 50 minutes until knife inserted halfway between center and edge comes out clean. Remove from oven and cool. Serve plain or with sweetened whipped cream, if desired.

TOLL HOUSE PIE

2 eggs
1/2 c. unsifted flour
1/2 c. sugar
1/2 c. firmly packed brown sugar
3/4 c. margarine, melted and cooled
1 6-oz. pkg. semi-sweet bits
1 c. chopped walnuts
1 9-inch unbaked pie shell

Preheat oven to 325 degrees. In large bowl, beat eggs until foamy; beat in flour, sugar and brown sugar until well blended. Blend in melted margarine. Stir in semi-sweet bits and walnuts. Pour into pie shell. Bake 1 hour. Serve warm.

Mollie Tressler, Marietta

Fluffy Pudding Pie

GREEN TOMATO APPLE PIE

pie shell
2 c. skinned, quartered and sliced green or pink tomatoes
3 c. thin, peeled apples slices
2/3 c. brown sugar, firmly packed
1/3 c. granulated sugar
2 to 3 T. flour
1/2 t. cinnamon
1/8 t. salt
2 T. butter

To peel green tomatoes easily, place in boiling water. Let stand 2 to 3 minutes, or until skins can be slipped off.

Combine tomatoes, apples, sugar, flour, cinnamon and salt.

Place mixture in a pastry-lined 9-inch pie pan. Dot with butter.

Adjust top crust and flute edges, cut steam vents. Bake 425 degrees for 10 minutes. Then bake at 350 degrees for 30 minutes.

SOUR CREAM PIE

1 c. sour cream
1 c. sugar
1 c. seeded raisins
2 eggs
1/2 t. powdered cinnamon
1/2 t. powdered cloves
1/8 t. salt
2 T. vinegar

Beat the eggs. Mix the spices with the sugar, and add to the eggs with the raisins, cream, salt and vinegar. Beat well. Pour the mixture into a deep, pastry-lined pan. Moisten the outer rim of the pastry, and press the top crust over the lower one to hold in the custard. Bake in moderate oven until golden brown.

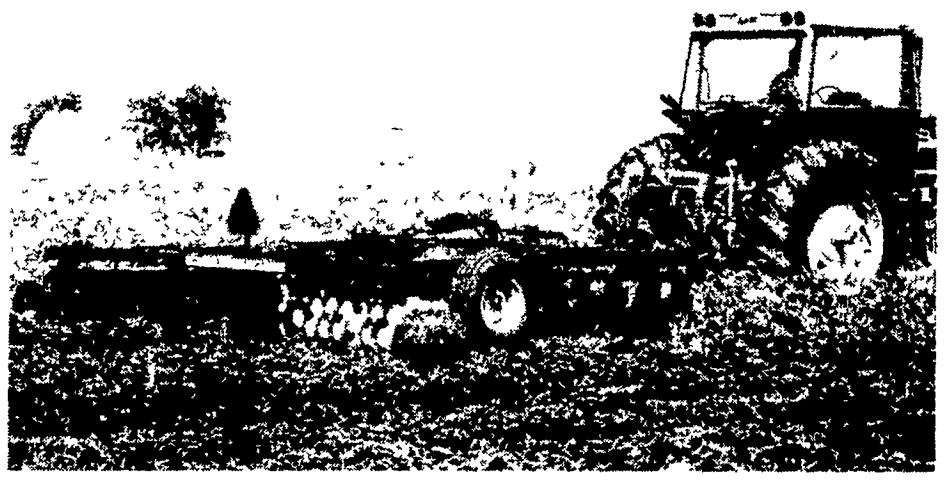
(Turn to Page B8)

MF
Massey Ferguson

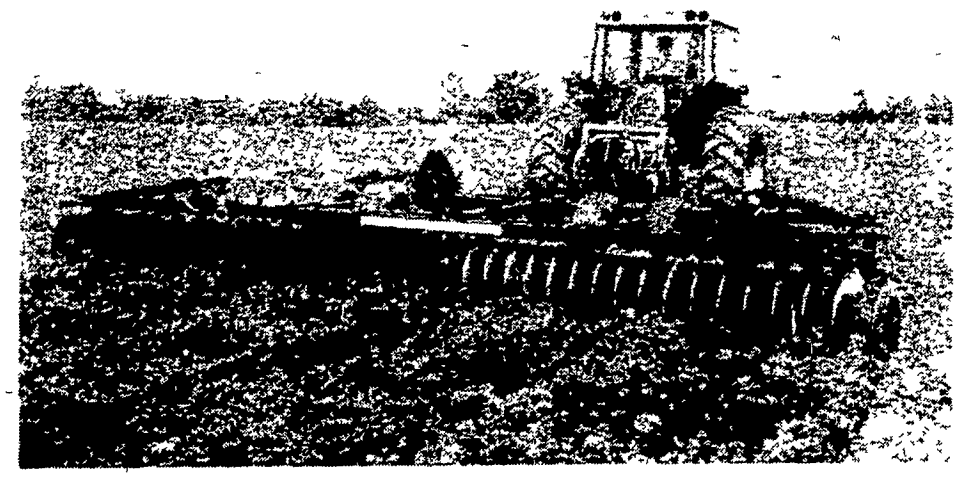
Choose the MF Tandem Disc Harrow that matches your big tillage needs

MF 820

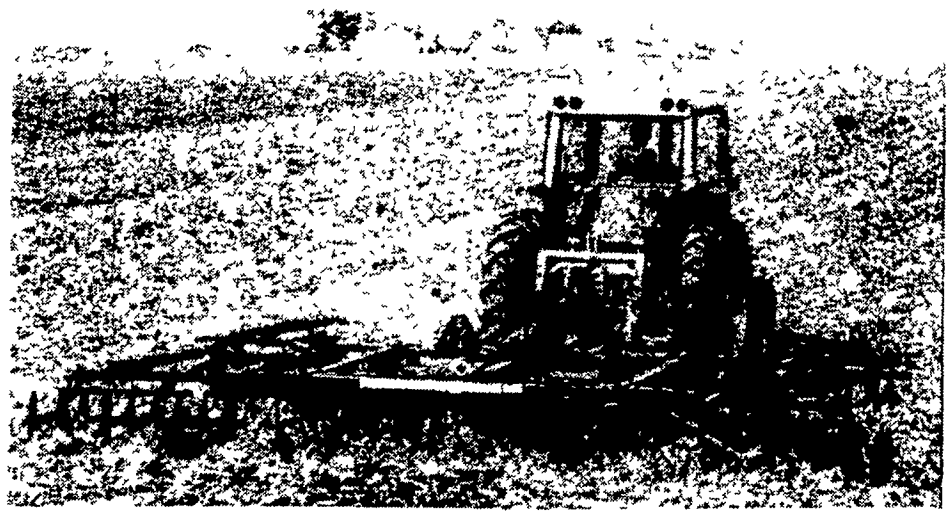
MF 720



MF 620



MF 520



Need a reliable wheel-type tandem disc that you can count on to finish big fields fast? Or one that's tough enough and heavy enough to use for primary tillage?

You're sure to find one that's just right for your farming operation and tillage needs in the Massey-Ferguson line.

Choose from four models including the big MF 820 flex-wing that delivers uniform discing action, even on ridges and hills.

Select either the semi-rigid MF 620 or MF 520 for rugged, all-around use, such as stalk cutting, chemical incorporation and seedbed preparation

And if it's big weight-per-blade you're after, the hefty MF 720 is the disc for you. It's built extra-heavy to slice through trash and hard soils for those primary tillage jobs

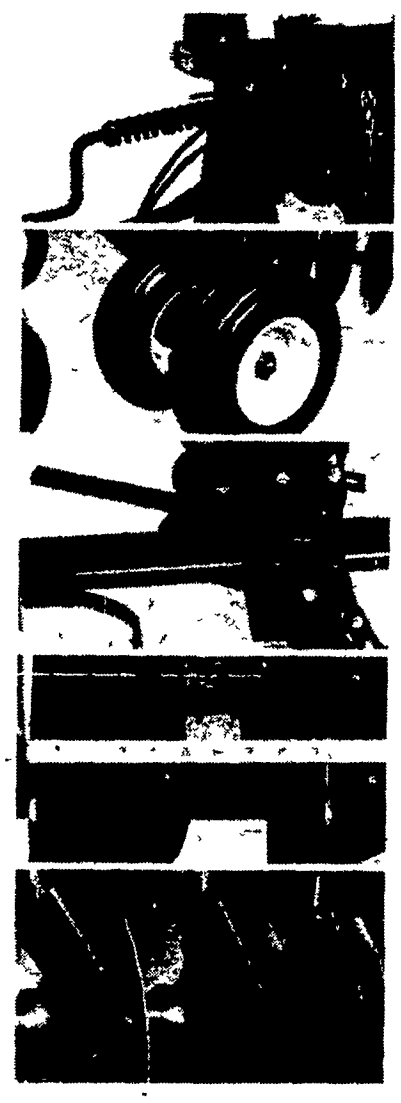
All four MF Tandem Disc Harrows are built tough throughout to stand up to today's big horsepower tractors and high-speed operation . year after year Plus, each has a number of built-in convenience and safety features that make them easy to transport and use

So read on and determine which model is right for your farming operation Then see your Massey-Ferguson dealer and get all the details on the MF Tandem Disc Harrow of your choice

Four rugged models and 12 cutting widths

FEATURES	MF 820	MF 720	MF 620	MF 520
Cutting widths	19 33½ (5 8-10 2 m)	12-16 (3 7-4 9 m)	12 23 (3 7-7 0 m)	10-21 (3 0 6 4 m)
Blade diameter	20, 22, 24' (508 0, 558 8, 609 6 mm)	22, 24, 26" (558 8, 609 6, 660 4 mm)	20 22, 24" (508 0, 558 8, 609 6 mm)	18, 20, 22" (457 2, 508 8, 558 8 mm)
Weight per foot of cutting width*	310-380 lbs (140 6-172 4 kg)	333-412 lbs (151 0-186 9 kg)	215-295 lbs (97 5-133 8 kg)	186-262 lbs (84 4-118 8 kg)

*ASAE standard weight — Less tires hydraulic cylinder(s) and hoses



Spring-cushioned leveling crank makes it easy to adjust MF disc harrows to tractor drawbar height ... assuring more uniform discing.

Heavy-duty wheels provide better flotation and longer life. Six-bolt hubs and axles are standard; duals are standard on center section of the MF 820 and available as options on most models.

Convenient lever makes changing front and rear gang angles fast and easy. Lets you match to working speed and soil conditions for smooth finishes.

MF Tandem Disc Harrows offer an excellent selection of blade spacing. Choose widths or combinations of widths according to your needs.

Blade-type scrapers are adjustable and reversible. They fold in on wing extensions for added clearance and safety during transport. Standard on MF 620 and 820, optional on other models.

See Your Local MASSEY FERGUSON Dealer For Details

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Perfect Pies

(Continued from Page B6)

PEANUT BUTTER PIE
1 9-inch pie shell, baked
1/2 c. peanut butter
2/3 powdered sugar
2/3 c granulated sugar
3 T. cornstarch
1/2 t. salt
3 c. scalded milk
3 eggs, separated
1 T. butter
1 1/2 t. vanilla

Blend peanut butter, powdered sugar until mealy. Sprinkle 2/3 mixture on bottom of the baked pie shell. Combine the beaten egg yolks, salt, cornstarch and sugar. Stir into scalded milk. Cook until thick, stirring constantly. Add vanilla and butter and cool slightly. Pour into pie shell and top with meringue. Sprinkle remaining peanut mixture on top of meringue. Bake at 375 degrees for 8 to 10 minutes. For meringue, beat 3 whites with 1/4 t. cream of tartar and 6 T. sugar until stiff and glossy.

Diane Karabon

FRENCH APPLE PIE
pie shell
3/4 c. sugar
1/4 c. flour
1/2 t. nutmeg
1/2 t cinnamon
dash of salt
6 c. thinly sliced apples

Crumb Topping:
1 c. flour
1/2 c. firm butter or margarine
1/2 c. brown sugar

Prepare pastry. Stir together sugar, flour, nutmeg, cinnamon and salt. Mix with apples. Turn into pastry-lined pan. Top with crumbs. Bake 40 to 50 minutes at 425 degrees. Cover top with foil the last 10 minutes if it browns too fast.

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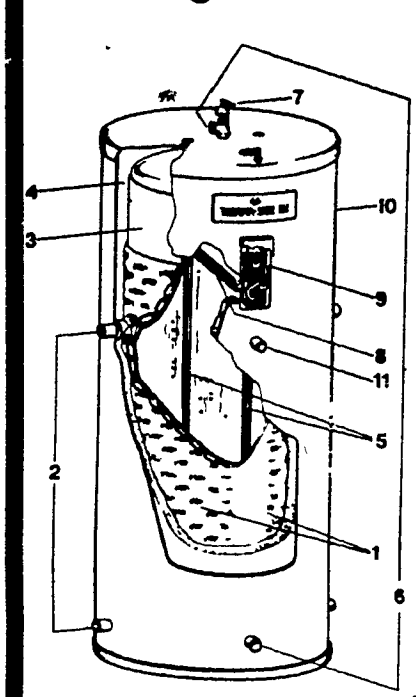

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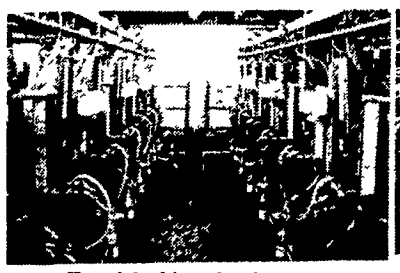
1 Vertical dual circuit desuperheater plate welded and expanded for internal refrigerant passage
2 1 3/8 refrigerant inlets and outlets
3 Industrial glass lined hot water storage tank
4 1¾ Foam in place urethane insulation
5 Dual anode protection against corrosion for extended barrel life
6 Water inlet and high temp outlet are 1¼ male Npt
7 150 PSI and 210° F pressure/temperature relief valve
8 4500 watt low density electric heating element
9 Adjustable thermostat (110°F 170°F) controlled heating element
10 Attractive enameled galvanized external wrapper
11 Medium temperature water out

Other Features
• 119 gallon nominal water capacity
• Double wall protection between refrigerant and water
• Double normal water heating tank insulation
• Dual vertical heat exchangers standard
• Size 28 dia 67 ht 400# in weight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Trigon Herringbones

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

DIFFERENCES IN CIDER EXPLAINED

Harvest time brings to mind apple cider. Until about 1930 apple cider was made and consumed in greater quantities than any other juice. Before the early 1970's cider was generally unavailable in the "off-season" but now there is no off season for cider. Many retailers quit stocking cider after the Christmas holidays, but there is a growing tendency to keep it available year-round.

There are different methods of preservation used to keep cider so you can enjoy it over a long period of time.

Cider that is sold fresh from the press without any preservatives added is called "fresh" or "country" cider. It has a rather limited shelf life. It will keep for about 10 days to two weeks before it starts to ferment, although it may have a little bite by the end of two weeks.

Other cider has a preservative added, such as sodium or potassium sorbate, that will slow the fermentation process. This cider will keep up to a month under refrigeration. Some cider is pasteurized and then sealed in sterilized containers. If the product is placed in cans it is generally handled through the grocery department and sold as apple juice but if it is in a glass jug it is usually labeled cider and handled as a produce item. The label tells you which method of preservation has been used so you can choose the one you like best.

Cider is usually made from a blend of apples. Staymans are most often used for the base in Pennsylvania with other varieties blended in. Apples that aren't suitable for the fresh market because of shape, size, color or other factors are used for cider.

HOMEMADE GIFT WRAP CREATIVE AND ECONOMICAL

The holiday season is rapidly approaching. Why not create your own gift wrap this year, and give your gifts an extra personal touch this holiday season.

For a seamstress' gift, sew fabric scraps together to design a patchwork wrapping and use a tape measure as a ribbon.

Wrap a traveler's gift in a colorful road map.

Use comic sections from the Sunday paper to wrap gifts for children.

The sports section of the newspaper can serve as gift wrap for an athlete.

For an earthy look, try brown paper bags. Decorate with leaves, pine cones or dried plants or nuts.

Plain construction paper, shelf paper or white freezer paper can be decorated and used as wrapping paper. String pulling is a very ancient method of decorating paper. Dip about 2 in. [illegible] of string in poster paint, lay it in swirls and loops on the paper. Lay another piece of paper over the coiled string and pull the string out in one continuous motion.

If you're the kind of person who really likes to get your hands into a project, dip the palm of your hand in poster paint and make handprints all over the plain paper.

Queens vie for nat'l crown

OMAHA, Neb. — The North American International Livestock Exposition in Louisville, Ky., will be the site of the competition for the title of National Shorthorn Lassie Queen, in conjunction with the annual meeting of the National Shorthorn Lassies, (the women's auxiliary of the American Shorthorn Association).

Fifteen young women will be traveling to Louisville as their state's Lassie queen to vie for the national crown now worn by Jill Ann Rush of Coushatta, La.

Besides interviews and judging, the contestants will have a full schedule of meetings, appearances, special luncheons, entertainment and activities during the national Shorthorn events being held November 15-17.

State Lassie Queens to be competing in Louisville include: Susan Wise, Illinois; Charlotte Orman, Indiana; Susan Flack, Iowa; Annette Warkentine, Kansas; Cynthia Wetzel, Michigan; Adele Coats, Missouri; Tona Smith, Montana; Karla Rocker, Nebraska; Lauri Lien, North Dakota; Mande Moore, Ohio; Jill Pallin, Oregon; Lori Preheim, South Dakota; Debbie Hartsell, Tennessee; Pam Nipper, Washington; and Bette Oyen, Wisconsin.

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Lebanon Valley Livestock Market, Inc.
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Morrisons Cove Livestock Market
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New Wilmington Livestock Auction, Inc.
Penns Valley Livestock Auction, Inc.
Pennsylvania Livestock Auction, Inc.
Quakertown Livestock Sale
Troy Sales Cooperative
Valley Stockyards, Inc.
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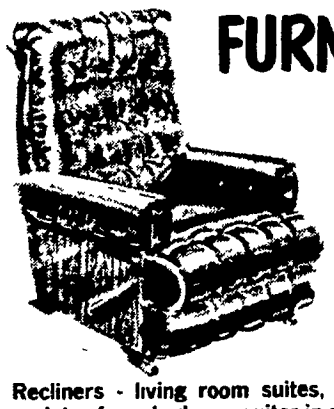

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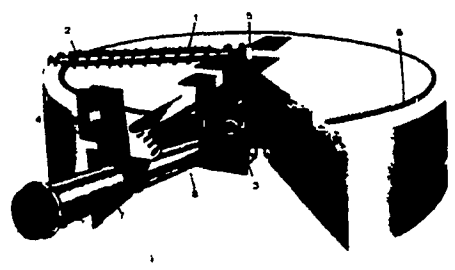

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Farm Women Societies

Lancaster Co. Society 13

Lancaster Farm Women 13 observed their 50th anniversary at the Bird-In-Hand Motor Inn Restaurant on Saturday evening, October 10.

The state and county presidents attended also.

The Singing Ladies from Grand View Heights entertained with old and new selections

Each member received a brandy snifter with "50" written in gold on the side and a golden candle inside.

The next meeting will be held at Friday evening, November 13 at 7.30 p.m. at the home of Mrs. Joanne Ganse, Lancaster.

Lancaster Co. Society 31

Lancaster Farm Women 31 entertained Farm Women 21 at the Mechanic Grove Church of the Brethren, recently.

Members responded to roll call by naming their favorite apple dish.

A skit entitled, "A Hectic Day in the Life of a Farm Wife," was presented by Millie Groff.

Lancaster Farming writer Joyce Bupp was speaker for the evening.

The next meeting will be held at the Mechanic Grove Church of the Brethren to pack fruit baskets.

Berks Co. Society 7

Berks County Farm Women 7 celebrated their 15th anniversary at the Conrad Weiser High School recently.

Eighty-six members from that and other groups attended.

Entertainment included the Conrad Weiser Choraleers and Phoebe Butler who gave a talk about sewing.

The next meeting will be at the home of Grace Seidel.

Berks Co. Society 11

Berks Farm Women 11 met on October 26 at the home of Dixie Myers before visiting the Danville Farm.

Highlights of the tour included a new milking machine and meeting the owners, Mr. and Mrs. Daniel Harnish.

The next meeting will be held at the home of Shirley Lentz, November 23.

Berks Co. Society 12

The October meeting of Berks Farm Women 12 was held at the home of Gloria Christman.

The members made Halloween favors for the residents at the Berks Heim.

Anna Reinhart was elected secretary for the next two years. Mary Leymeister was re-elected as corresponding secretary.

June Beck was installed as a new member.

The next meeting will be at the Bernville home of Helen Schlappich on November 9, Each member is to bring a dessert made with pumpkin and the recipe.

The women will have a bake sale at Leesport Auction, Wednesday, November 11.

CPI reflects small food price rise

WASHINGTON, D.C. — Lower fresh fruit and vegetable prices last month held the rise in the September consumer price index for food to .2 percent (before seasonal adjustment), according to assistant Secretary of Agriculture William Lesher.

Downward pressure on farm and wholesale commodity prices in recent months and seasonal increases in foodstuffs supplies in the fourth quarter will continue to dampen retail food price rises, Lesher said. As a result, the farm valve of foods will contribute little to food price rises through the end of the year, so that higher food marketing costs will be the primary cause of fourth quarter increases. Consequently, monthly changes throughout the quarter are not expected to exceed half a percent on a non seasonally adjusted basis, with seasonal adjustment adding 0.3 to 0.4 percentage points per month.

"These increases," Lesher said, "will bring the 1981 rise in retail food prices to about 8 percent, thereby moderating the general inflation rate for the sixth time in the last seven years."

The U.S Department of Labor's Bureau of Labor Statistics released the September consumer price last week.

Food prices at grocery stores were .1 percent, the smallest increase since last May. Prices for meals purcashed away from home rose .04 percent, reflecting slackening demand due to declining real incomes," Lesher said. "Fresh fruit and vegetables prices fell 3.0 percent in September due to larger production and lower prices for apples, oranges, potatoes, and tomatoes."

Regarding prices for other foods, higher marketing costs pushed prices for cereals and bakery products up .6 percent. Meat prices rose .5 percent due to declines in cattle and hog slaughter. Egg prices were up 6.3 percent as production fell. Dairy products prices rose .2 percent, a consequence of large milk production.

The CPI for fats and oils fell .3 percent, reflecting large supplies. The sugar and sweets CPI was unchanged as increased global sugar production this year continues to put downward pressure on sugar prices. Large world coffee production this year pushed coffee prices down again and held the increase in the nonalcoholic beverages CPI to .1 percent.

Large supplies of many foodstuffs and feed grains and a smaller expected general inflation rate will keep downward pressure on food prices into 1982. High food marketing costs will be the primary cause of retail food price increases with labor costs playing an important role. Several factors, however, suggest that increases in employee wages and benefits will slow next year. For the first time in 5 years, the minimum wage—which mainly affects workers in the food service industry—is not scheduled to increase in 1982. Moreover, increases in employer contributions to Social Security will be much smaller than those this year.

Have a winner of an apple recipe?

HARRISBURG — If you think you have a unique and tasty apple recipe, you may want to share it with your fellow Pennsylvanians and at the same time try for one of several cash prizes.

Prizes in the 1981 Pennsylvania Apple Recipe Contest, to be held January 26, 1982 at the Hershey Convention Center, include a $200 first prize, $150 second prize, $100 third prize, $75 fourth prize, and $50 prizes to six runners-up. The contest is sponsored by the Pennsylvania Apple Marketing Board in cooperation with the Pennsylvania Department of Agriculture.

Pennsylvania apples must be an ingredient in each recipe. Judging will be based on ease of preparation, economy, appeal, taste and appearance.

The contest is open to all Pennsylvania residents who may enter by sending their name, address, phone number, recipe name and recipe to: Apple Recipe Contest, Pennsylvania Apple Marketing Board, Pennsylvania Department of Agriculture, 2301 North Cameron Street, Harrisburg, PA 17110.

All entries submitted must be scratch recipes and should list the name, all ingredients, the quantity of each ingredient and step-by-step mixing and cooking instructions. Only one entry per contestant is allowed and must be postmarked no later than December 31, 1981.

Cumberland Co. Society 20

Farm Women 20 from Cumberland County met recently at the home of Mrs. Paul Kann, R8, Carlisle.

Roll call was answered by quoting a favorite tv commercial.

A motion was made to give $25 to the 4H Dairy Bowl for their trip to Louisville Kentucky, to participate in the National Bowl.

Dues for the coming year were collected.

The next meeting will be held at the home of Mrs. Creedin Paulus. Each member will make a Christmas wreath under the direction of Mrs. Paulus.

Cumberland Convention

The annual convention of Farm Women of Cumberland County will be held November 14 at the Embers, in Carlisle.

On the agenda is election of officers, a cornhusk demonstration, the Children's Bell Choir from Silver Springs Township and a skit by Society 1.

Lebanon Co. Society 20

Lebanon Farm Women 20 met in the home of Lorraine Shuey, recently.

Karen Sandoe from the Lebanon County Extension office spoke on family communications.

Members held an election of officers. Officers are: Janet Werner, president; Marion Maulfair, vice president; Vera Fahnestock, recording secretary; Audrey Mull, treasurer; and June Zimmerman, corresponding secretary.

The next meeting will a tupperware party at Mae Stamm on November 17.

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" One time, up there, I saw them strip plowing about a forty-acre field There must have been two hundred teams plowing that field, one behind another—all colors, all sizes, horses and mules, their skirts just a-waving along with the motion of the double tree, as if they were floating on the water I can get goose-pimples on me from just sitting there thinking about it "

" I feel a bond between us and a dependence on each other, and I know I have a horse I can be proud of "

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On being a farm wife -And other hazards

Joyce Bupp

A feeling of losing a friend always seems to settle in this time of year. It's the sense that another year of plowing and planting, hopes and harvest, is almost past.

This winding down of the farm year plays out against a fittingly draped staging background. For as the combines lumber off to muscle their way through the last dried fields of corn and beans, a somber brown permeates the landscape.

Only the last few cheery golden maples, and fading red sumacs, remain, testimony to the blazing glory of but a few weeks ago.

Farmers hurry to clean barns, spreading a rich layer of organic addition to the soil before it goes into a resting season, a guaranteed return on investment in their soil bank.

And the urgent cry of the wild geese haunts the sky, as they head with determination toward the far reaches of the Chesapeake and beyond, south to wintering quarters.

Their "V" seems to me the sad, waving, farewell of another season. Gone forever.

But is it really an end?

For from the kitchen window, I can watch the rows of green barley sprouts, poking their way up through the chopped stubble of what was until recently a corn crop.

In a corner of the yard, fat buds are already promising to turn to the soft gray fuzz of may favorite pussywillow bush.

At the barn, the tomcats snarl and yowl at each other, while the six tom turkeys puff and parade before the minority outnumbered three hens, amorous intent on the minds of all the farm critters.

And when I answer the knock at the door, I know positively that this time of year is not an end, but a new beginning.

It's our friendly, grinning seed corn salesman.

Can spring be far behind?

F.W.S. Calendar

Today, November 7

County Convention, Farm and Home Center

Monday, November 9

Lancaster Co. Society meets at the Chiques Church of the Brethren

Tuesday, November 10

Lancaster Co. Society 22 meets at the Coca Cola Building

Wednesday, November 11

York Co. Society 9 meets with hostess Pat Sechrist

York Co. Society 7 meets at the United Church of Christ

Lancaster Co. Society 14 meets for a program by Miriam Grott and a mystery luncheon

Thursday, November 12

Lancaster Co. Society 21 meets with Connie Groff for a contest tasting pumpkin and apple goodies

Friday, November 13

Lancaster Co. Society 13 meets

Saturday, November 14

Lancaster Co. Society 6 meets with Mrs. Martin Hoffer to hear Mrs. David Hawthorne speak

Lancaster Co. Society 19 meets for a Thanksgiving banquet at Palmyra

Lancaster Co. Society 1 meets with hostess Molly Emenheiser to hear speaker Esther Martin

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	Hutch Top	209.95	149.95	128.00
	Mirror	69.95	49.95	37.00
Captain's Bed		319.95	249.95	148.00
Bunk Bed Set (complete incl. bedding)		309.95	209.95	138.00
Dry Sink (Wood)		289.95	209.95	138.00
Lane Hope Chest		249.95	189.95	139.50

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2 Pc. Living Room Set (Nylon)	809.95	509.95	378.00
6 Pc. Family Room Set (Solid Wood & Nylon)	1209.95	789.95	528.00
Hide-A-Bed (Dbl)	509.95	349.95	218.00
5 Pc. Dinette Set	209.95	189.95	118.00
7 Pc. Dinette Set	389.95	269.95	178.00
7 Pc. Dining Room (Trestle Table)	909.95	689.95	468.00
5 Pc. Bedroom Set (Maple, Pine)	709.95	509.95	298.00

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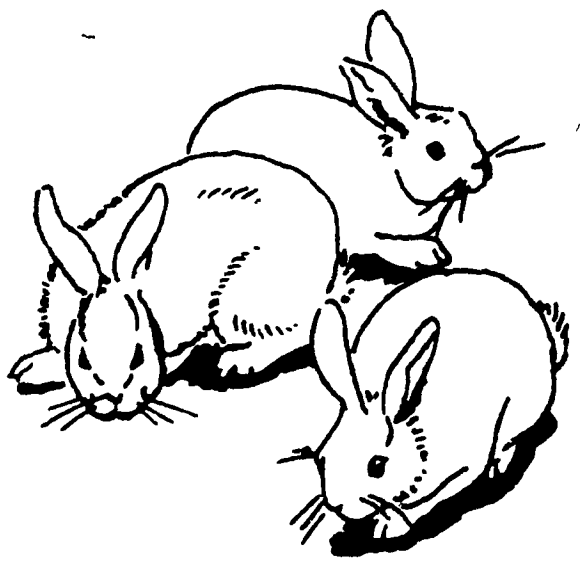


A rabbit makes a nice pet

UNIVERSITY PARK — Rabbits are becoming popular pets. With proper feeding, handling, and health care, these quiet creatures can be quite enjoyable pets, says Herbert C. Jordan, Extension specialist at Penn State.

A well-balanced diet is the most important factor contributing to your rabbit's overall health. Commercially prepared rabbit feeds are probably the best diet for your rabbit because these feeds are prepared specifically for rabbits and provide the proper nutrient quality and balance.

Rabbits love green foods. Lettuce or other garden vegetables make good treats if fed in small quantities. Your pet also should have access to fresh, clean water at all times. This is especially important when the rabbit is on a dry food diet.

Be careful to always support your rabbit's hindquarters when lifting it from a cage and while holding it. The animals' quick, jerky motions can result in a fractured back if the rabbit is not properly supported. It's best to grasp the loose skin over the top of the neck with one hand and support the hindquarters with the other hand.

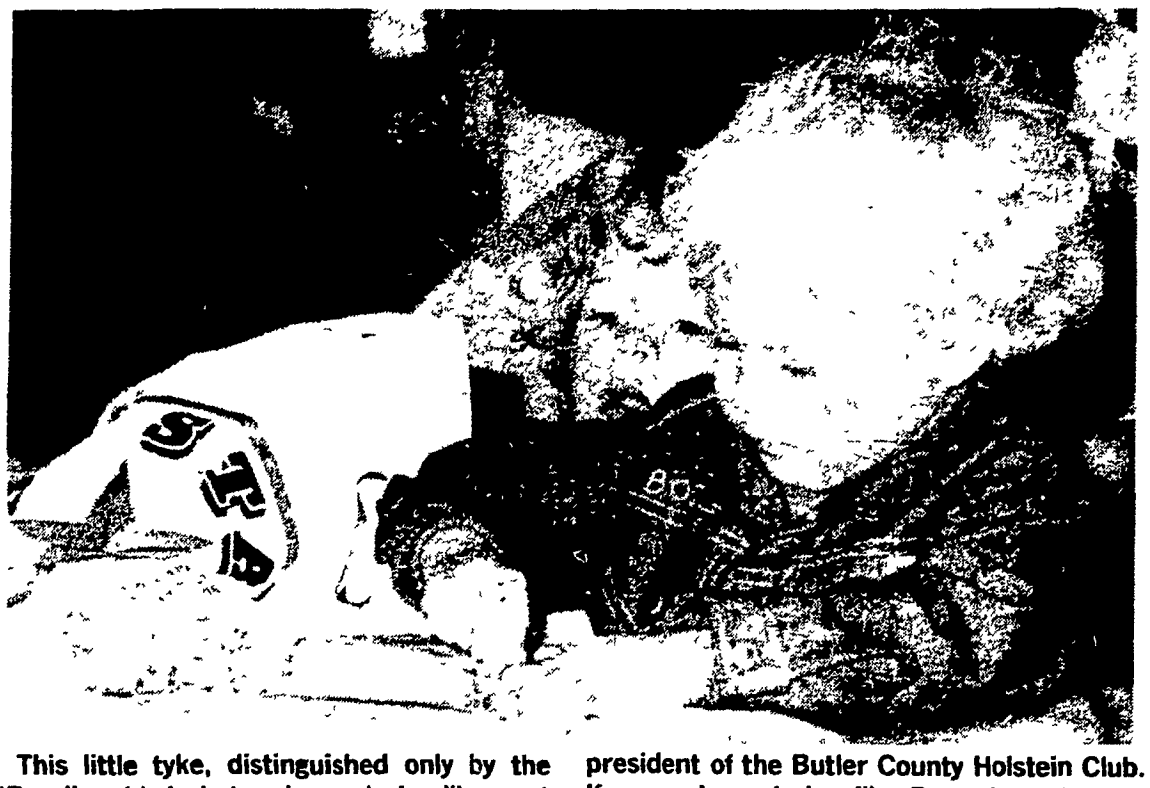
Jordan says rabbits are susceptible to a variety of diseases. Three of their more common health problems include ear mites, coccidiosis, and snuffles.

Ear mites live in and around the ear canal and cause irritation to the skin lining the ear. Affected animals will shake their heads and scratch at their ears. There is usually a heavy build-up of dry, crusty material in the ear canal.

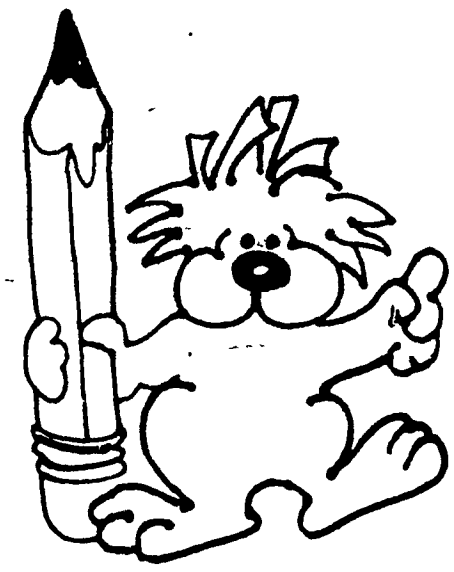
If you suspect your pet has mites, your veterinarian can microscopically examine the ear debris and determine if mites are present. If they are, your veterinarian will prescribe medication and advise you on how to treat and control the problem.

"Snuffles" is an upper respiratory disease in rabbits caused by bacteria. Signs of snuffles include sneezing, difficult breathing and a nasal discharge with mucus.

Snuffles generally occurs when the rabbit's resistence is low. Stress seems to be a primary factor in the development of the disease. Your veterinarian may prescribe antibiotics to combat the disease. This disease can be passed from mother to young so breeding doe should not be allowed to have young if they have snuffles.



This little tyke, distinguished only by the "Boss" on his jacket, enjoys coloring like most of you do. He is the son of Joel and Dane Grahm from Evans City. Mr. Grahm is the president of the Butler County Holstein Club. If you enjoy coloring like Boss does, try the picture of the sunflowers below.



"Grab your crayons and color the sunflowers with me. Then color me. I want to look pretty too!"

COLOR THIS!

1.	BLACK	6.	ORANGE
2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	BLUE	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

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Clemmer wins grand, reserve honors

CHAMBERSBURG — The first Franklin County 4-H Lamb Club show and sale was held at the Chambersburg Livestock Market recently, announced county agent Bill Reagan.

The show was judged by Dick McDonald, from the Pennsylvania Department of Agriculture Bureau of Markets.

Both the Grand and Reserve Grand Champion Lamb were shown by Marty Clemmer, Marion. The champion, weighing 94 lbs., was purchased by Bierly's Meat Market, Boalsburg, Pa. for $1.60 per pound.

The Reserve Champion, also weighing 94 lbs., was purchased by E.L.M. Feeds, Greencastle, for $1 per lb.

Meyers Implement Co., Greencastle, purchased the heavyweight champion, shown by Julie Dice, Greencastle, for $1.20 a lb.

The medium heavy weight champion shown by Cindy Donough, Chambersburg, was purchased by Rice's Meat Market for $1.25 a lb.

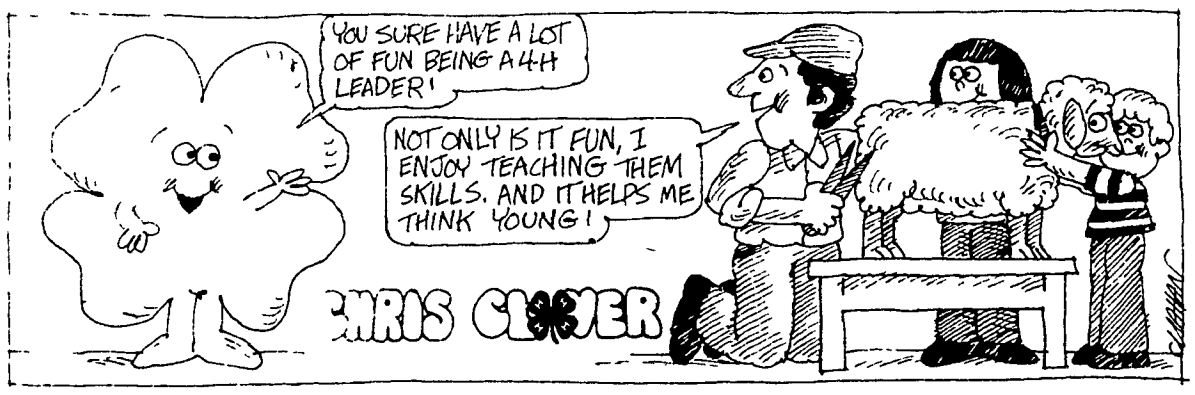
The light weight champion shown by John Borzager, Chambersburg, was purchased by Al Good, Marion, for $1 a lb.

The 31 lambs sold, averaged 96 lbs. and sold for the average price of $96.94 per hundred weight.

In Fitting & Showing Competition, Cindy Donough was declared Grand Champion while Julie Dice was the Reserve Grand Champion.

Other buyers supporting the sale were: Twigg Insurance, Chambersburg; Pharess Horst, Hagerstown; Ken Shadle Aluminum Products, Chambersburg, Richard Gingrich, Greencastle; W.D. Weaver Meats, Chambersburg; Frakers Market, McConnellsburg; Terry Stoheeker, Herndon; and Wayne Craig & Sons, Orrstown.

Marty Clemmer, right, holds his champion lamb at the Franklin County 4-H lamb club show and sale. Helping him hold his reserve champion lamb is Jamie Good, Marion.


YOU SURE HAVE A LOT OF FUN BEING A 4-H LEADER!
NOT ONLY IS IT FUN, I ENJOY TEACHING THEM SKILLS. AND IT HELPS ME THINK YOUNG!
CHRIS CLOVER

Thomasville 4-H meets

SPRING GROVE — The October 27 meeting of the Thomasville 4-H Club was held at the 4-H Center near Bair.

Due to the weather, the planned hayride and hot dog roast was changed to a night of indoor games.

Club members cited for outstanding 4-H work in 1981 at the County Achievement Day were. Jon Haskins, entomology; Robert Haskins, forestry and outstanding junior boy; Bridgette Boyer, photography; Mike Welsh, tractor and outstanding news reporter, Ron Horn, vegetables, Bev Eisenhart, clothing and citizenship - girl, Nancy Eisenhart, outstanding girl for 1981.

On October 24 the club members took a field trip to see the Ice Capades at the Hershey Arena. The club provided the bus and lunch.

The next meeting will be a covered dish supper and Club Achievement Night on Saturday, November 21.

4-H honors horse winners

CHAMBERSBURG — On October 8, the Chambersburg 4-H Horse and Pony Club held their annual covered dish award dinner at the Chambersburg Recreation Center.

Four-H members who had perfect attendance at the monthly club meetings were awarded pen sets. Those receiving pens were Annette and Tina Geesaman, Karen Naugle, Denise and Collene Kessler, Jami Ott, Kristi Weachter, Rhonda and Rodney Garling, Michelle Murray, Beth and Mike Carty.

In addition to pen sets, eight by ten color photographs of the 4-H member with his project animal were presented to those who earned over sixty points during the year. Mike Carty, Beth Carty, Rhonda Garling, Rodney Garling, Michelle Murray and Kristi Weachter received photos.

Mike Carty also received the High Point Senior Trophy and best senior project book award. Michelle Murray had the best Junior book. The High Point Junior Trophy went to Kristi Weachter and the Tiny Trotter Trophy was awarded to Belinda Geeseman.

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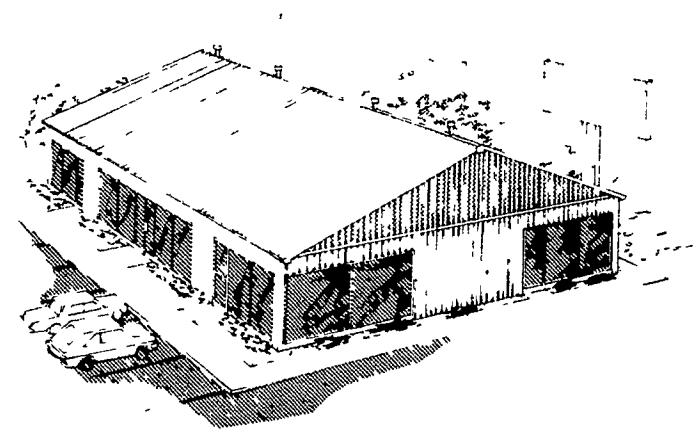

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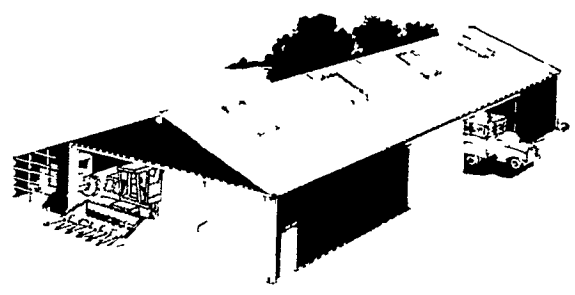

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Franklin Co. holds Achievement Night

CHAMBERSBURG — Over 70 4-H'ers were recognized at the 4-H Achievement Night Banquet held recently in Chambersburg.

George Cashell, Chambersburg, is president of 4-H Development Committee and served as M.C. for the event.

Some of the highlights included a fashion show featuring the County Junior and Senior Fashion Revue winners; 4-H Talks - by Rhonda Fahrney, Waynesboro, - "Experiences of a 4-H'er"; Kim Wildeson, Waynesboro - "Clothing and 4-H' and Ronnie Harshman, Chambersburg - "4-H Junior Retreat"

Leader honors were presented by Molly Reichard and Cathy Wildeson, Waynesboro. The best scrapbook awards were given to Waynesboro Horse and Pony 4-H club for the Agricultural entry and Clover Hill 4-H Club, Orrstown received the Home Economics award.

Matt Runyon and April Martin, Chambersburg, were winners of the "I Dare You Awards." This is given to a boy and girl who have shown qualities of constructive leadership and who exhibit excellence of character and personal Development

Junior Achievement awards were given to 4-H'ers under 13 years of age who have shown excellent qualities and workmanship in 4-H. Loren Burkholder, Chambersburg and Beth Mowen, Waynesboro were recognized.

Receiving an engraved plaque were Keystone winners - Kelly Cordell, Ronnie Stull, Connie Stull of Waynesboro and Paul Cashell of Chambersburg, for their exceptional achievements in 4-H.

Connie Stull and Paul Cashell were also recognized as Franklin County Outstanding 4-Her's for 1981.

Youths honored for 4-H achievement at the Franklin Co. Achievement Night banquet were (back row) Connie Stull, Paul Cashell, Ronnie Stull and April Martin; (front row) Kelly Cordell, Loren Burkholder, Beth Mowen, and Matt Runyon.

N.J. firm cans quarter-pound hot dog ads in Pa.

HARRISBURG — The Orange Julius of America Company has reached an agreement with the Pennsylvania Department of Agriculture's Bureau of Standard Weights and Measures to cease advertising the sale of quarter-pound hot dogs in the state.

Bureau Director Fred A. Thomas said his inspectors recently checked nine Orange Julius outlets in the Commonwealth and found only one that was selling hot dogs equivalent to the quarter pound (4 oz.) declared on menu board.

In one instance, Thomas noted, inspectors found hot dogs which were short by 1.7 ounces with the average weight of all hog dogs tested being 15 percent below the advertised quantity.

The Cherry Hill, New Jersey based firm will continue to offer hot dogs for sale at its outlets, throughout Pennsylvania, but will no longer promote them as quarter-pound hot dogs.

Thomas said, "The Bureau of Standard Weights and Measures was charged by Governor Dick Thornburgh with insuring equity and fairness in the marketplace by protecting consumers as well as merchants against inaccurate weights and measures.

Merchants as well as consumers benefit from weights and measures inspections because in many instances a faulty scale or meter actually gives away products, Thomas said.

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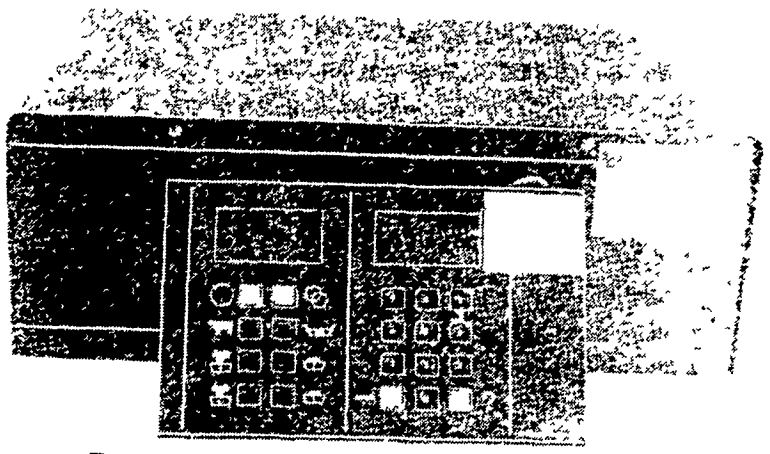

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USDA posts export sales to USSR and China

WASHINGTON, D.C. — Private exporters recently reported to the U.S. Department of Agriculture export sales of:

— 500,000 metric tons of soybeans for delivery to the USSR;

—200,000 metric tons of wheat for delivery to the USSR during the sixth year of the U.S.-USSR long term grain agreement; and

—200,000 tons of wheat for delivery to China during the first year of the U.S.-China Grain Agreement.

These exports are to be made during the 1981-82 marketing year, which for wheat runs from June 1 to May 31 and for soybeans from Sept. 1 to Aug. 31. Soybeans are not under the grain agreement.

To date, the USSR has purchased 7,836,200 tons of grain for the sixth year of the grain agreement — Oct. 1, 1981 to Sept. 30, 1982. Of this amount, 3,522,600 tons are wheat and 4,313,600 are corn.

During the fifth year of the U.S.-USSR agreement — which ended on Sept. 30, 1981 — exports to the USSR were 9,517,700 tons of grain; 3,779,600 of wheat and 5,738,100 of corn.

To date, China sales and exports of wheat and corn for delivery during the first agreement year — Jan 1 to Dec 31 1981 — total 7,273,500 tons of wheat — 2,759,000 tons for marketing year 1980-81 and 4,514,500 tons for marketing year 1981-82 and 341,100 tons of corn — 215,100 tons for marketing year 1980-81 and 126,000 tons for marketing year 1981-82.

China sales for delivery during the second agreement year — Jan 1 to Dec. 31, 1982 — total 726,000 tons of wheat.

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1,000	4'0"	10'8"	7	1,129	351.00
1,000	5'4"	6'0"	7	1,028	326.00
1,500	5'4"	9'0"	7	1,388	438.00
2,000	5'4"	12'0"	7	1,735	534.00
3,000	5'4"	17'11"	7	2,432	720.00
4,000	5'4"	23'10"	7	3,130	908.00
5,000	8'0"	13'7"	1/4"	4,484	1645.00
6,000	8'0"	16'2"	1/4"	5,123	1800.00
8,000	8'0"	21'6"	1/4"	6,475	2230.00
10,000	8'0"	26'10"	1/4"	7,825	2660.00
10,000	10'0"	17'0"	1/4"	6,956	2405.00
12,000	10'0"	20'6"	1/4"	8,074	2800.00
12,000	10'6"	18'7"	1/4"	7,900	2690.00
15,000	10'6"	23'2"	5/16"	11,857	4130.00
20,000	10'6"	31'0"	5/16"	15,105	5160.00
25,000	10'6"	38'7"	3/8"	22,115	8135.00
30,000	10'6"	46'4"	3/8"	25,999	9430.00

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2,000	5'4"	12'0"	7	1,735	100 to 200
3,000	5'4"	17'11"	7	2,432	150 to 300
4,000	5'4"	23'10"	7	3,130	250 to 500

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3,000	5'4"	17'11"	7	2,312	300.00
4,000	5'4"	23'10"	7	3,010	400.00

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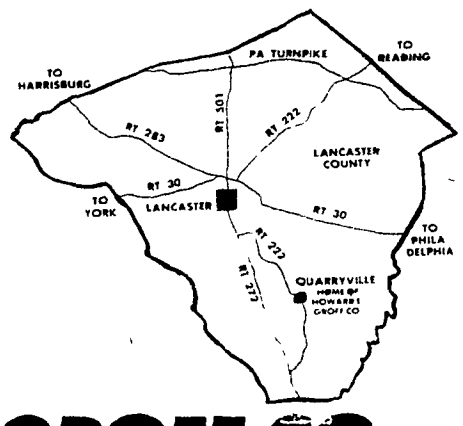

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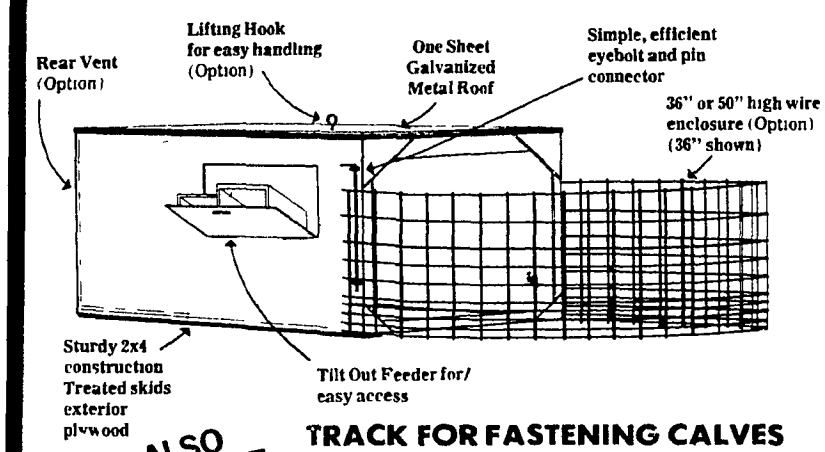
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3 win youth programming awards

UNIVERSITY PARK — Three members of The Pennsylvania State University's Cooperative Extension Service staff have been named recipients of Distinguished Service Awards presented by the National Association of Extension 4-H Agents.

Receiving awards November 3 at the association's annual meeting in Orlando, Florida, were Harold R. Ott, regional 4-H agent for the Northwest Extension Region; Charles C. Replogle, Allegheny County 4-H agent; and Jerry H. Reyburn, 4-H curriculum specialist at Penn State.

According to Jared K. Tyson, Adams County Extension agent and president of the Pennsylvania Association of Extension 4-H Youth Workers, each will receive a plaque "for outstanding achievements in youth programming."

Harold R. Ott

Ott, who served one year as regional 4-H agent and 16 years as Erie County Extenion agent, initiated a regional 4-H citizenship retreat, 4-H exchange programs including one with Canada, and three pre-teen exchanges with other Pennsylvania counties.

He utilizes the lay committee concept in all 4-H program areas. Lay committees plan and conduct all county and regional 4-H events and activities including leader forums, dairy fitting and showmanship clinics, horse leader training, nutrition education workshops for teens, and a 4-H urban newspaper.

Under the award winner's direction, 4-H enrollment in Erie County increased from 500 to 1,800. Another 2,000 youth are annually involved in special interest programs. Urban areas of Erie County have increased 4-H participation by 3,000 percent and the county 4-H horse club enrollment increased by 1,250 percent.

Ott also initiated the Erie County 4-H development committee and various 4-H project advisory committees in the areas of horse, dairy, clothing, and livestock. He played a key role in the establishment of the annual 4-H Regional Leaders Forum.

He served as regional vice chairman and national chairman of the National Association of County Agricultural Agents 4-H youth committee. He also is on the board of directors of Pennsylvania Friends of 4-H.

A native of Davidsville, Somerset County, he received two degrees from Penn State; a bachelor of science in 1963 and master of education in 1972.

Charles G. Replogle

Replogle provided statewide leadership the last two years for "Citizenship-Washington Focus," an educational experience for teens at the National 4-H Center He developed an orientation handbook that has been used by more than 300 4-H leaders during the last three years.

The Allegheny County Extension agent organized and developed southwest regional 4-H camps, presented three planting demonstrations to more than 1,000 elementary students, and provided staff support for a national careers program

Replogle developed an eight-page special edition in a county newspaper containing 37 articles written by adult leaders and 4-H members Advertising space was purchased by 53 businessmen. This supplement was instrumental in increasing 4-H enrollment.

He developed a five-lesson correspondence course for camp counselor training that has been adopted for statewide use

Harold Ott

Charles Replogle

Jerry Reyburn

Replogle also produced twelve 4-H promotional slide-tape programs and researched the feasibility of data processing 4-H records that eventually was adopted in part by two county Extension offices.

The award winner served on the scholarship committee of the National Association of Extension 4-H Agents and policy and resolutions committee of the Pennsylvnaia Association of Extension 4-H Youth Workers.

A native of Altoona, Replogle received a bachelor of science degree from Penn State, master of science degree from Ohio State University, and is a doctoral candidate at the University of Pittsburgh

He was named to the Penn State Extension staff in 1962 as an assistant agent. Two years later he became assistant secretary-fieldman for the New York Holstein Association and in 1968 was named 4-H agent in Ohio. He returned to the Penn State staff in 1976 as an urban 4-H agent.

Jerry H. Reyburn

Reyburn, an associate professor at Penn State, pioneered 4-H in urban settlement houses, started 4-H physical fitness programs for urban youth, and originated Pennsylvania 4-H projects in riflery, archery, and orienteering, and leisure education.

The Penn State specialist has been a national leader in 4-H camping, recreation, environmental education, and safety. He presently serves as communications coordinator for the State 4-H Office.

Reyburn served as chairman of Pennsylvania 4-H Leadership Congress for six years and developed over 600 workshops in the areas of camping, recreation, environmental education, and safety.

He is a 15-year member of the National Society of Puppeteers. His "Edgar Eater" puppet has appeared on five public service television commercials promoting 4-H nutrition.

Reyburn was appointed as the official observer for the United States Department of State to the Council of Europe's committees on applied ecology, forestry, and wildlife.

A native of the state of Indiana, he reserved three degrees from Purdue University. Prior to being named to the Penn State faculty in 1966, he was employed by the U.S Forest Service and was Extension youth agent with the Indiana Extension Service.

Granges win honors

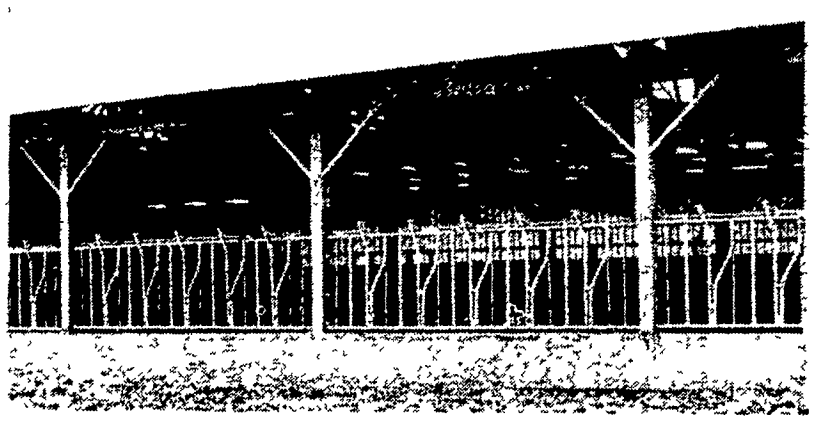
ALTOONA — A number of local Grangers in Pennsylvania received state honors last week at the 109th annual session of the Pennsylvania State Grange.

In the category of safety programs, Community Grange in Dauphin County took first place, followed by Somerset Grange in Somerset County in second place, and Eureka Grange in Crawford County took third.

Claysville Grange in Washington County captured first place in the Class 1 division (under 100 members) of the Open House contest; Perry Valley Grange in Perry County placed first in Class 2 (100-200 members); and in Class 3 (over 200 members) Ontelaunee Grange in Berks County placed first.

Community service awards went to Burgettstown Grange in Washington County, first place; London Grange in Mercer County, second place; Hookstown Grange in Beaver County, third place, and Kutztown in Berks County, fourth place.

Plaques and cash awards were presented to these local Granges at a State Session banquet held at the Jaffa Mosque in Altoona.



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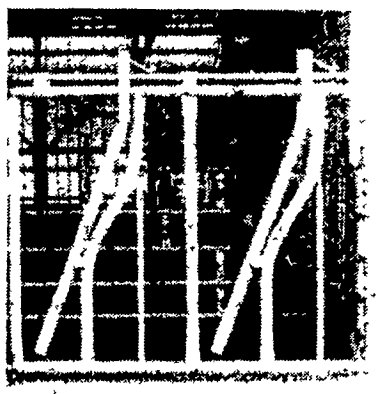

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55LR1	55 000	165 000	86	120/240	225	1	3	730	750
85LR1	85,000	255,000	130	120/240	350	1	3	795	860

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Pequea Valley FFA promotes harvest safety

BY DICK ANGLESTEIN

INTERCOURSE — As farmers navigated their combines or corn pickers across the rolling fields of eastern Lancaster County this harvest season, they had something extra to think about.

And, that's just what the Pequea Valley FFA wanted.

The something extra that the FFA'ers tried to implant in the minds of the harvesters was the need for continuing concern about safety during the harvest — traditionally one of the most dangerous times of the year for farmers.

About 40 members of the vo-ag classes conducted a comprehensive harvest safety program during recent weeks under the direction of teacher Clair Witwer.

The safety program, devised by the Pennsylvania Agricultural Safety Council, took on several phases:

–On-farm visits were made to ag operations primarily in the school district to personally outline the need for continuing safety concern to farmers.

–Some 300 folding "reminder" cards containing safety rules were distributed. The cards are intended for use on kitchen or dining room tables. They were also placed in area restaurants.

–More than 1500 "danger" stickers were placed on harvest machinery, including self unloading wagons, corn pickers, forage harvesters, tractors, blowers, elevators, combines and particularly PTO shafts.

–The students are also constructing a corn picker safety exhibit which will be displayed at the East Towne Mall later this month.

In preparation for the effort, the students studied harvesting safety in the classroom and made field trips to area equipment dealers, such as C.B. Hoober, Intercourse, to inspect machinery and learn the possible danger points on each.

And, what are some of the safety points the FFA'ers stressed to farmers? Well, such things as:

–Stop all machinery before cleaning, adjusting, greasing, etc.

–Keep all guards and shields in place.

–Never reach into areas with moving parts.

–Keep riders off machinery

–Keep work clothing in good repair.

This marked the first year that the Pequea Valley FFA Chapter conducted the safety program.

"We plan to make it an on-going effort," explained advisor Witwer.

"We may even expand it a bit to include some spring planting safety tips But the major concentration will remain on the fall harvest time."

Shown with the Fall Harvest Safety poster they made are members of the Pequea Valley FFA Chapter, from the left, Mike McCauley, Richard Griest, Mike Kreiser and Cesario Pope.

Mark Frey, of the Pequea Valley FFA, places "Danger" sticker on PTO shaft of corn picker of Glenn Hershey, foreground. Chapter members, some of whom are grouped in background, conducted a fall harvest safety program among farmers in school district.

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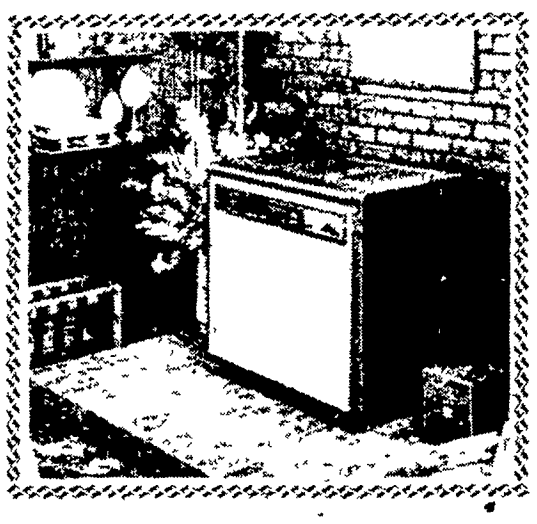

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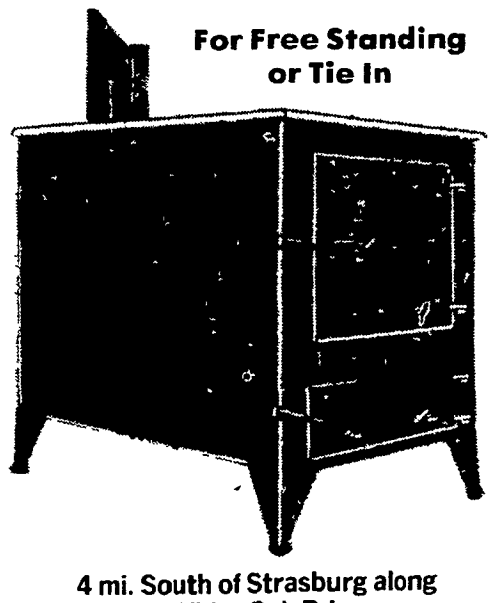

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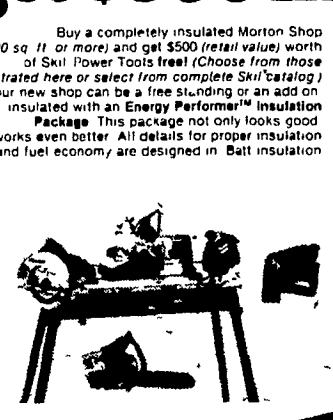

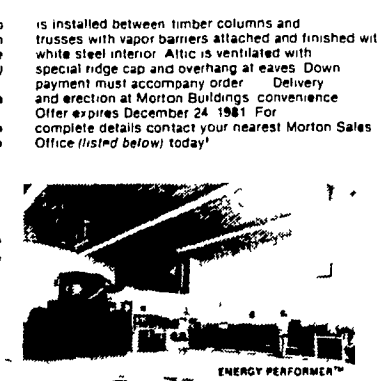

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They do Santa's hard work

and he gets all the credit!

BY DEBBIE KOONTZ

LEBANON — The eager little workers packed in the building to hear all the latest news on Christmas toys, gifts, and decorations before preparing their battle plan for the upcoming holiday season. They've gathered annually like this for years, sharing ideas and techniques to make their chore a little bit easier They buzzed on and on about too much to do in so little time and about how they always have to help old Saint Nick because he never seems to come through in the end Wrapped packages, toys, wreaths and goodies filled the room and the workers took the time to examine each.

No, it's not the annual convention of the North Pole Elves, Santa's Central Pennsylvania Fan Club, or even the Supporters for the Betterment of Saint Nick, but rather the annual homemaker's holiday program for Lebanon County, held each day, Monday through Wednesday.

The little elves of Lebanon County are so enthusiastic about Christmas, in fact, that plans for a four-day program are being discussed for next year. Although 1140 homemakers were able to see the program this year, over 200 were turned away. Next year the program will be held at the Prescott Fire Company Hall the first week of November.

Though the Extension home economists will begin preparing next year's program already this week, the participants are busy preparing for this Christmas thanks to ideas they received at the holiday program.

Five speakers addressed the homemakers, the first being Donald Layser from Layser's Flowers in Myerstown, who spoke on care and buying of poinsettias.

"Don't expose the plant to too high or too low temperatures Don't let the clerk talk you in to running from the store to your car with it uncovered. And don't place it by your car heater," he advised.

Next, Karen Sandoe, Extension home economist, presented "Hang it, pack it, show it off," a talk on several gifts to make at home. For the man, often known as the hardest to buy for at Christmas, Karen displayed a travel kit she created from a finger towel and a checked washcloth.

Alletta Schadler showed the members how to wrap gifts in a special way. Several ideas were to dip neatly folded tissue paper in food colors and liquid fabric dye and allow to dry; stamp a child's name on wrapping paper making it a personal gift; and dropping string in dye and dropping on plain paper to create an abstract effect.

Following a brief show and tell time in which several participants displayed and explained their own crafts, Ann Wertsner Wood, gardener and author, presented "make your own holiday decorations."

Wood's most important tip in creating decorations was to "include someting dull, something bright and something shiny — then you will have a successful centerpiece and a beautifully decorated home."

More advice included, "Freeze your candles and then they'll burn up to twice as long."

Following a vegetable soup luncheon, Susan Doyle offered recipes for a healthier holiday. Included were recipes intended to cut down on calories and sugar, reduce fat and salt, and boost the nutritive value of foods.

Find several of her recipes below.

For a Christmas idea that can be used for or by children, cut out Christmas characters, presents, bells, etc., and paste them on construction paper for tree decorations, cards, placemats, table cards and gift wrapping. Find figures to cut in catalogs, wrapping paper, old books, and old Christmas cards.

With some bright colored material you can make leaves to produce a wall hanging, left, or a pumpkin, right. Simply cut a pattern like shown in the center, sew together, and top stitch. It's as simple as falling leaves.

Gather homemade leaves into a beautiful Thanksgiving wreath made of rust, brown, and gold. Stuff them with fiberfill for a full effect, then sew them to a wire wreath circle. Add a bow and stand back and admire your work.

SUGARLESS COOKIES

1 3/4 c. flour
2 t. baking powder
1/2 t. salt
1/2 t cinnamon
3/4 c. orange juice
1/2 t. grated orange rind
1/2 c. minus 1 T. vegetable oil
1 egg
1/2 c. chopped walnuts
1/2 c. raisins

Preheat oven to 375 degrees.

Combine dry ingredients. Add remaining ingredients; mix well.

Drop by teaspoon on ungreased cookie sheet to make 32-34 cookies

When done, remove from pan and cool.

For a variation, add 1/4 t. ground cloves for a spice drop OR instead of raisins, add 1/2 c. chopped or whole cranberries.

DIET STRAWBERRY CHEESECAKE

2 T. margarine
1/2 c. graham cracker crumbs
8 oz. low-fat cottage cheese
1/3 c. evaporated skim milk
2 envelopes unflavored gelatin
2 T. sugar
1/2 c. orange juice
1/2 t. grated orange rind
2 egg whites
1/8 t. salt
2 T. water
1 c. fresh strawberries, crushed

Preheat oven to 400 degrees.

Melt margarine in 9-inch cake pan. Add crumbs, mix. Press mixture over bottom of pan. Bake 5 to 7 minutes. Cool.

Sieve cottage cheese or puree in blender or food processor. Add milk and stir until smooth. Chill.

In saucepan, mix 1 1/2 envelope gelatin and 1 T. sugar. Add juice and rind Heat over low heat, stirring constantly until gelatin is dissolved. Remove from heat. Let stand at room temperature.

In medium bowl, beat egg whites with salt until stiff.

Fold in gelatin and cottage cheese Pour over crumbs. Refrigerate until set before adding glaze.

GLAZE·

Mix remaining gelatin with water and 1 T. sugar. Heat until gelatin is dissolved. Stir in strawberries. Pour mixture over cheesecake and spread with spatula.

Refrigerate until firm

HOT SPICED CIDER

2 2/3 c. apple cider
1 1/3 c. water
1 cinnamon stick
1/2 t. whole cloves
1/2 t. whole allspice
orange or lemon slice for garnish

Simmer ingredients (except fruit slices) together in saucepan for 10 minutes. Strain. Serve hot with orange or lemon slice and cinnamon stick for garnish. Makes 8 servings at 44 calories per serving.

You can make these cute clowns and dolls too if you use your imagination. The designer says she just cuts until it fits. The clowns begin with a styrofoam ball placed on a piece of wood, as shown at left.

Cost recovery replaces depreciation under new tax law

Second of three articles on how the new federal tax law affects agriculture

NEWARK, Del. — "A rose by any other name would smell as sweet." But depreciation under its new name, cost recovery, doesn't, in the eyes of some agricultural observers.

Code Section 168 of the new federal tax law has to do with the "Accelerated Cost Recovery System" — ACRS for short. This is the new name for depreciation.

Taxpayers who are eager to recover capital costs at a rapid rate year after year will probably learn to like it. But a majority of farmer taxpayers would most likely prefer the greater flexibility, relative simplicity and generally slower capital cost recovery of the depreciation methods they have known, says University of Delaware Extension farm management specialist Don Tilmon.

Be that as it may, depreciation is out and cost recovery is in for property placed in service after 1980. Taxpayers must use the new ACRS regular or optional method to recover costs of machinery, equipment and similar capital items placed in service any time in 1981. The cost of property placed in service prior to this year must be depreciated. Thus, farmers will have to contend with both methods until all machines, depreciable livestock, buildings and the like have been replaced, says the specialist.

All cost recovery property must be grouped in one of four possible categories — 3-year, 5-year, 10-year, or 15-year property. Three-year property includes light trucks and the business share of your car. Five-year property includes purchased livestock, machinery and equipment, fences, single-purpose agricultural or horticultural facilities which qualify for investment credit, and storage units such as silos. Ten-year property includes residential, manufactured homes. Fifteen-year property includes tool sheds, tenant houses, barns, and other buildings which are not single-purpose agricultural or horticultural structures.

The regular ACRS deduction will be quite easy to determine in 1981, the first recovery year. This is true because of this year there will be only one designated percentage figure to use against the cost of property in each of the above categories. The confusing part of the new ACRS is the fact that recovery percentages change from year to year for each of the four classes.

"The proliferation of applicable percentages may prove a boon to computer processors," notes Tilmon, "but taxpayers trying to prepare their own returns may climb the walls."

Farmers who would prefer to recover their costs at a slower rate have another option — the straight-line ACRS election. "This election permits you to recover the cost of 3-year property in 3, 5, or 12 years. The choice is yours," says Tilmon.

The cost of 5-year property may be recovered in 5, 12 or 25 years. Under this election, only one-half a year's cost recovery can be claimed in the year the property is placed in service. No cost recovery is allowed in the year the property is disposed of.

The same recovery period must be used for all personal property of the same class. However, the regular ACRS deduction may be claimed on some property and straight-line ACRS on property of a different recovery period or that purchased in a different year.

Assume you buy a tractor costing $20,000 in December 1981. The new regular ACRS deduction will be 15 percent of the cost, or $3,000 in 1981; 22 percent of the cost, or $4,400 in 1982, and 21 percent, of $4,200 in each of the next three years (1983-85). If you prefer a slower rate of cost recovery, you can elect the straight-line ACRS deduction. Your choices for estimated life on 5-year property are 5, 12, or 25 years.

Choosing the 5-year life, you'd be allowed $2,000 in 1981, $4,000 each year in 1982-85, and $2,000 in 1986. The 12-year life, if chosen, would provide $833 in 1981, $1,666 per year from 1982 through 1992, and $833 in 1993. The 25-year life would provide $400 in 1981, $800 per year through 2005, and $400 in 2006. This, of course, assumes the law remains unchanged.

Next week Tilmon will discuss how to handle trades and family transactions, depreciation per units of production, investment credit, and other changes under the new tax law.

Delaware hires new 4-H leader

NEWARK, Del. — Marcius R. Butterfield has joined the staff of the Delaware Cooperative Extension Service as state 4-H leader.

A former associate program leader in 4-H youth development in New Hampshire, Butterfield holds a bachelor's degree in agricultural education from the University of Vermont and a master's degree in extension education from the University of New Hampshire.

He has done additional graduate work in adult and community education and extension administration at North Carolina State, Arizona and New Hampshire universities.

Butterfield, who says he grew up in 4-H, began his professional career as a county 4-H agent. He is very committed to volunteer leader development as an effective means of expanding and improving 4-H. He also believes strongly in the year-round 4-H program approach for teaching young people practical, interpersonal, and leadership skills which will serve them for life.

Marcius R. Butterfield

According to Delaware extension director Sam Gwinn, Butterfield will be in charge of planning, directing and evaluating all 4-H programs and activities in the state. The new state leader replaces Jim Baker, who served in that capacity for more than 20 years before his death earlier this year.

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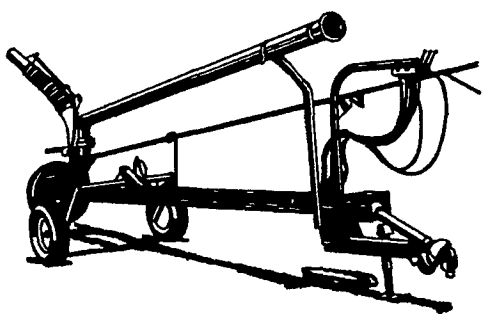

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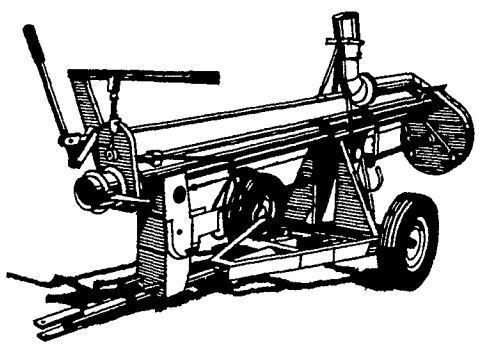

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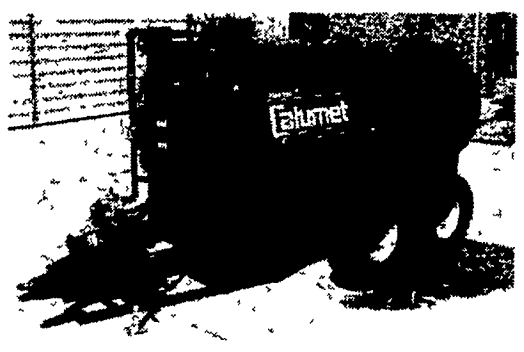

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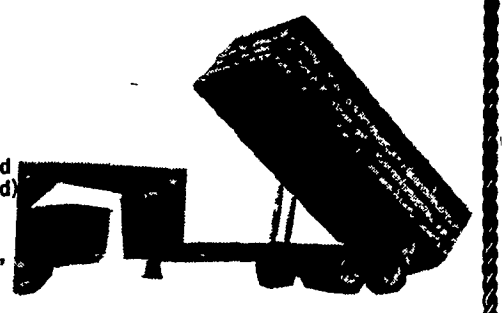

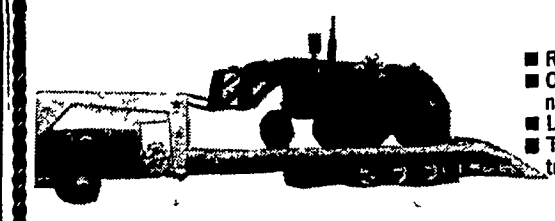

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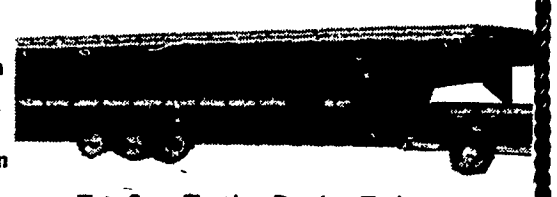

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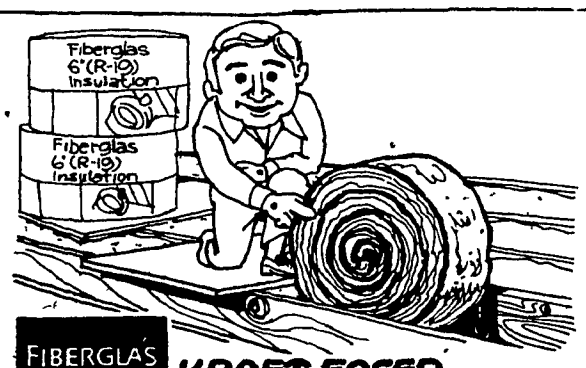

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11'	11.51	—	—	—	—	12.80
12'	12.56	15.66	18.02	9.49	13.40	13.96
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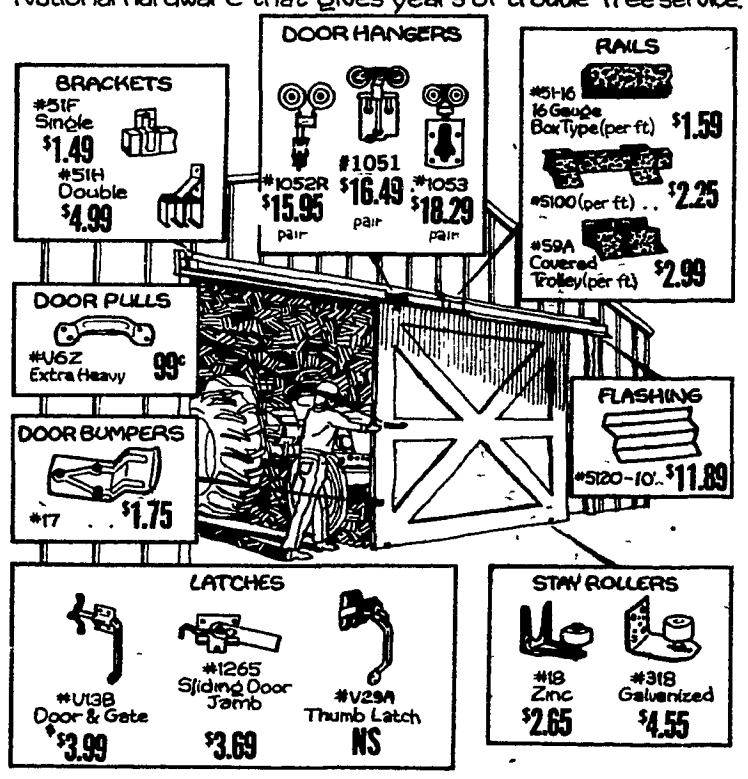

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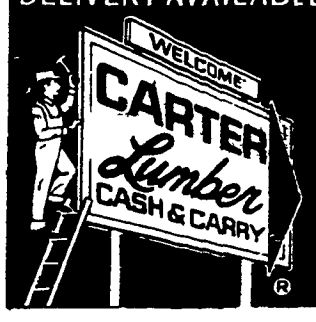

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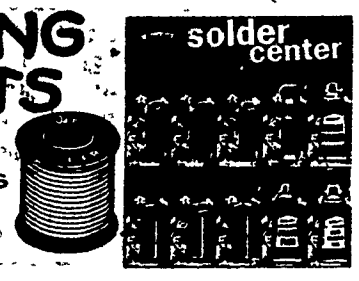

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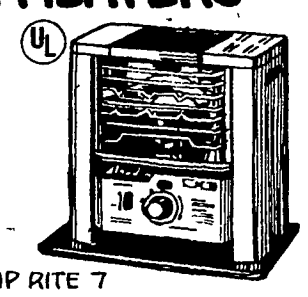

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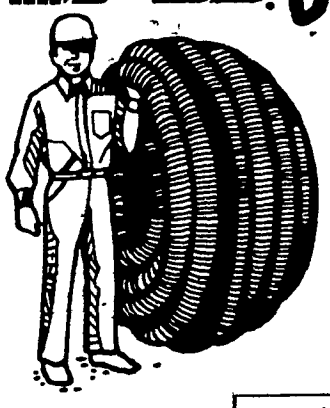

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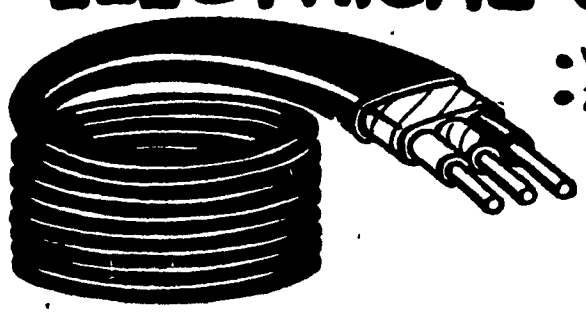

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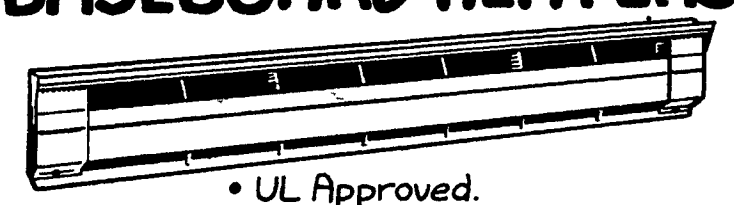

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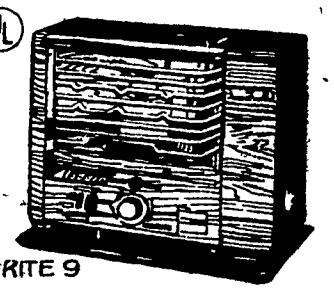

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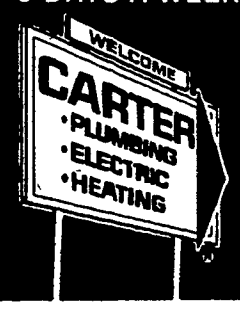

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"Rosemary House" offers beauty, fragrance, memories

BY BETH HEMMINGER
Staff Correspondent

MECHANICSBURG — "There's Rosemary, That's for remembrance I pray you love, remember," wrote Shakespeare. There is no better way to describe the Rosemary House in Mechanicsburg than in those words written many, many years ago.

Once you enter Rosemary House, a fragrance and flower shop overflowing with herb products, spices, teas, extracts, oils, dried flowers, potpourris, handcrafts, gourmet cooking utensils and books, you will always remember, as Shakespeare prayed, than enchanting visit.

Bertha Reppert, owner and master-mind behind the unique shop has been operating the tantilizing nook for 13 years. This lover of herbs has revived a part of country living's yesteryear.

Reppert remarked, "At one time every country home had a herb garden within a garden for medicinal, cooking and beauty purposes." Rosemary House returns a little country goodness to the homes with spices, herbs, scents and flavorful recipes that were once known by Grandma, but have been long forgotten."

Her business developed from her hobby of gardening and growing herbs. "I have enjoyed gardening since childhood." she said. "I had saturated my family and friends with herb crafts, herb foods and candies, and herb beauty products so much that I needed a new outlet and born was "Rosemary House."

"Here at Rosemary House we thrive on uniqueness," said Reppert.

The staff at Rosemary House is part of the uniqueness. Reppert is helped by several artistic and innovative friends and a dog named, Chester, and Fat Cat. Chester and Fat Cat have become faithful mascots of the House. Mrs. Brown, an assistant of Reppert's, is the artist behind many of the original designs and artwork on the exclusive book, stationery and speciality items.

Rosemary House has gained world-wide acclaim for many of its one-of-a-kind products.

One of the most noted and successful products is Roastmary, a delectable blend of seasonings made from garlic, rosemary and spices. Roastmary is sold exclusively at Rosemary House.

"Other products move right along," she said, "but Roastmary gallops."

The label on Roastmary jars read "enhances chicken, lamb, pork, hamburger, beef or kabob," but customers tell Reppert they've found innumerable other uses for it.

"One woman claims it's delicious on everything except chocolate ice cream," Reppert said.

Reppert has sent orders of Roastmary as far as Saudia Arabia, to a customer who became familiar with the seasoning while stationed at an area military installation.

Tussie-mussie, another rarity of the Rosemary House has also traveled far and wide.

Brides-to-be, friends, lovers and England's own "Lady Diana" have enjoyed the beauty, fragrance and charm of the exclusive Rosemary House Tussie-Mussie.

Reppert explained that tussie-mussie is medieval in origin. It is a bouquet of sweet-smelling herbs which was often carried by ladies during that period.

"Queen Elizabeth was presented the herbal bouquet at her coronation in Westminister Abbey as a symbol of her high rank," Reppert said. She wished to carry on the tradition, sending it to Lady Diana as a gift from Rosemary House and also a symbol of her new rank.

Why is Rosemary House called Rosemary House?

Reppert explained that Rosemary is the oldest of recorded herbs and the most useful of all. Rosemary is used medicinally, for fragrance, cosmetics, sacred to friendship, symbolic of remembrance, gift-giving and steeped in legend.

Rosemary House specializes in "things rosemary," which includes a gamet of exclusively designed products for the shop from shampoos, to cookbooks, cards and sachets.

One of the newest Rosemary items recently placed on the shelves is the Rosemary Sampler which has been in the pages of Early American Life and the New York Times.

The sampler is an embroider kit with soft garden colors of green, blues and reds featuring the herb, rosemary, and one of the symbols rosemary represents, the heart for love.

Many of the herbs sold in the store are grown in the garden out back, and visitors are invited to look, wander and sniff to their delight. Reppert grows more than 100 different plants in her garden, but in recent years her orders have outgrown the space of her garden. Along with her own herbs, she receives additional supplies from European importers.

Along with the business of walk-in customers, Rosemary House handles a successful and growing mail-order business.

"We have to fill orders daily to keep-up with the demand," said Reppert.

Reppert also teaches herb workshops to organizations and the public. She teaches a variety of how-to workshops from candied violet petals, herb cooking, potpourris and recently, herb wreaths.

"The wreaths are made from a variety of herbs dried and fresh from our garden and I add colorful touches with silk flowers, ribbons and lace," she said. "Customers and workshop students alike enjoy the beautiful aroma of the wreaths."

"Herbs are a plant with many purposes," said Reppert. "Rosemary House is a store with many purposes–to provide beauty, fragrance, love and memories into the lives of many who encounter even a mere morsel of the world of herbal treasures from the House."

Mrs. Reppert enjoys the sweet aroma and beautiful dainty flowers of the herb, calendula. Calendula is a herb that has been greatly written about and used in Shakespeare's time.

Community college offers ag courses

WILLIAMSPORT — The Williamsport Area Community College, Williamsport, offers two programs which provide an excellent way to prepare for careers in two industries important in Pennsylvania and the Northeast.

Agribusiness and Wood Products Technology have openings for the spring semester which begins January 11. Both programs offer curriculums which enable students to enter the programs during the spring semester without already completing first semester courses.

Currently there are 29 students (five female) enrolled in agribusiness. The two-year, associate degree program, is designed to prepare men and women for management positions in agricultural businesses or to work in production agriculture.

There are 14 students enrolled in a new program, Wood Products Technology. A two-year, associate degree program, it focuses on wood processing and manufacturing industries. It is also structured in such a way as to enhance the management capabilities of people presently in the wood industry.

Wood products technology combines courses in wood processing with courses in business. Practical experience is gained when students use the college's sawmill facility.

Students who begin classes in agribusiness in January will be studying field and forage crop production, agriculture finance, dairy production, business mathematics, and business communications.

Wood products technology will involve students in timber and log grading, sawmilling, lumber drying, principles of business, and technical writing.

For information about enrolling in either of these courses at the Williamsport Area Community College for the spring semester, call the admissions office at 717-322-0149.

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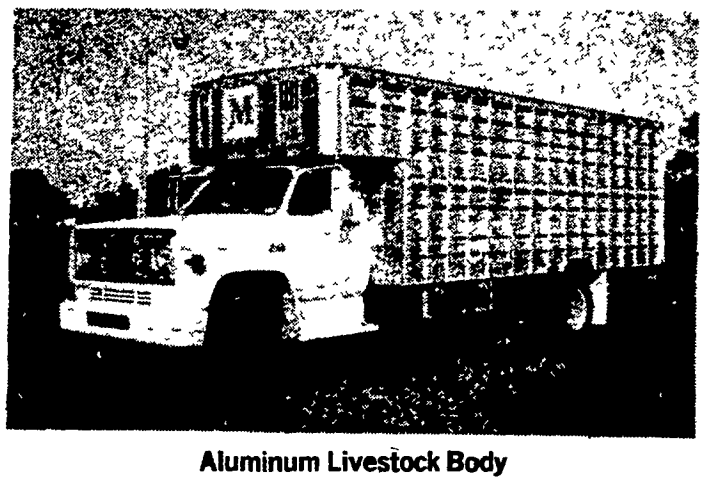

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Berks dairy producers hold annual meeting

LEESPORT — A crowd of about 90 dairy producers gathered at the Ontelaunee Grange Hall for the annual Berks County Dairy Farmers' Association banquet.

After a hearty, family-style meal, the producers settled down to the business at hand.

Berks County's state legislator, Rep. John Davies, reviewed some of the current bills and proposals circulating through the House and Senate on Capital Hill in Harrisburg.

Berks County's Dairy Princess Betty Jean Hoke brought the farmers up-to-date on her promotion efforts for the dairy industry. She announced she had taken part in several parades, fairs, the state's Food Expo, Ag Progress Days, and dairy princess workshops.

County President Donald Duncan informed the producers that they had scored a major victory with the defeat in committee of House Bill 767. "The farming associations worked together to stop that legislation. If the block voting bill had passed, it could have killed the future of any dairy referendum."

Duncan pointed out dairy producers need a milk referendum. "In order to get a higher milk check, farmers have two choices — either produce more milk or promote and sell more Class I milk," he said.

In their own efforts to promote their product, the Berks dairy producers have ventured into the milk shake and ice cream vending business. With the help of Association members and local 4-H'ers, the farmers have found that folks love ice cream and milk shakes just as much as they used to, even if they cost a little more these days.

The milk shake trailer earned a total of $2,817.89 during the past year, even though it was only brought into service for the mid-summer fair circuit. This income will help to offset the first year's expenses which included the purchase of the trailer, licensing fees and other related costs which amounted to slightly more than $5,000.

One of the Berks Dairy Farmers' Association's claim to fame is their salaried promotion coordinator, the only one in the state. This position was held by Phoebe Bitler, who left to assume a position with the Berks Extension Service this year. Replacing Phoebe and tackling the responsibilities with the assurance of a veteran dairy promoter is Karen Sattazahn, a former Berks Dairy Princess.

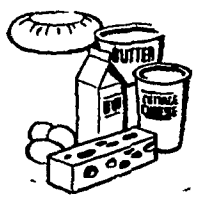
"I wish more counties had a program like the one Berks has," exclaimed Duncan, referring to their promotion and successful coordinator program.

The Association members elected four directors to serve three-year terms. Newly elected director is Harvey Krill, with Wilson Balthaser, John Stump, and Alton Rohrbach being reelected.

Entertainment for the evening was provided by Herman Hunsinger of Frystown who shared his experiences through slides of his trip to China with the People to People tour last summer. He explained the tour participants are "ambassadors of good will who pay their own way."

"The philosophy behind People to People is that if people of the world can get along, then governments will have to," Hunsinger concluded.

Berks Dairy Association President Donald Duncan discusses business with directors Alton Rohrbach, John Stump, and Leroy Howard after the annual meeting held last Friday evening.



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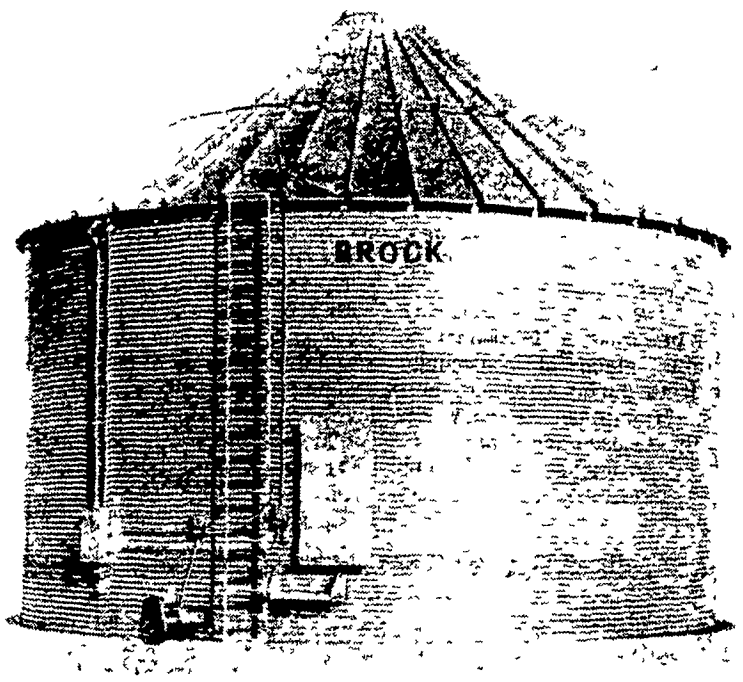

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Penn State soil judges win regional contest

UNIVERSITY PARK — Penn State's Department of Agronomy recently hosted the Northeast Regional Intercollegiate Soil Judging contest. Teams of undergraduates from six other schools traveled to University Park hoping for a chance to compete in the national contest in Arkansas next spring.

The Penn State team won first place, followed by Cornell University and the University of Maryland. Coach of the Penn State team was research assistant Richard Cronce. The three top schools will send teams to the national contest.

In fourth place was the Delaware Valley College of Science and Agriculture. Fifth place went to the University of Maine while the University of Rhode Island was sixth and seventh went to Rutgers University.

Trophies were awarded to the top three individual scorers. Number one was Penn State's Karlis Cerbulis of Boyertown; second place went to Robert Pate of Maryland: and Steve Major of Cornell came in third. Other Penn Staters who were among the top ten scorers were Donna Lariviere, Scotch Plains, N.J., fourth; Deb Snyder, Emmaus, sixth; and Tom Nobile, Elizabethtown, who placed ninth.

Soil judging is the skill of looking at soils in the field and being able to assess such traits and drainage characteristics, degree of erosion, and landscape position such as floodplain, stream terrace, or upland. From this information, a site can be evaluated as to its suitability for a particular use. Contestants judge sites for septic system installation, road building, and dwellings with basements.

Soil judges analyze not only the site, but the soil profile as well, revealed on the walls of pits dug at each site. The profile consists of the surface, as well as subsoil layers, or horizons, which indicate the material in which the soil has developed and the changes which it has undergone through time.

Competitors are given limited time in soil pits to identify and describe the horizons. They poke the soil with their knives to test for firmness, match soil color with standardized color chips, and rub the soil between their fingers to define its texture. They hope that their descriptions of the profiles match those of the officials who have written soil profile descriptions before the competition.

Officiating this event were Robert Cunningham, professor of soil genesis and morphology at Penn State; John J. Eckenrode, area soil scientist with the Soil Conservation Service; and Elissa Levine, graduate assistant at Penn State and former assistant coach of the soil judging team.

Dairy photo album

What is this -- a Holstein art gallery?

It almost looks that way.

But the scene is not an adult and youngster looking at a framed painting of Holsteins.

Actually, they're standing at a small barn window watching the cows file in for the evening milking.

It's another of the Dairy Month Photo Contest entries. This one came from Mrs. Douglas Mack, R1, Rushville, N.Y.

Berks holds club calf sale

LEESPORT — The Berks County Cattlemen's Association will be holding their second annual club calf and heifer sale on Friday, Nov. 13. The sale will be held at 7 p.m. at the Leesport Market and Auction.

The 40 head of cattle will be available for inspection from 5 p.m. until the start of the sale. All calves are dehorned and castrated, weaned and on feed at least two weeks prior to the sale.

For more information, contact Ken Rarick, telephone 215/926-4903 or Clyde Myers, 215/378-1327.

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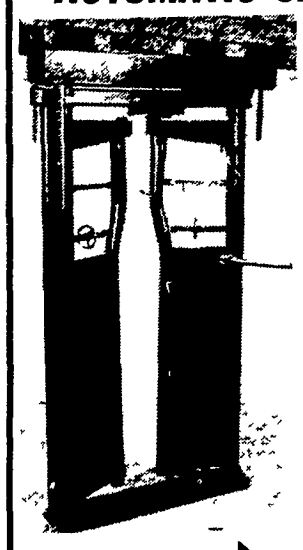
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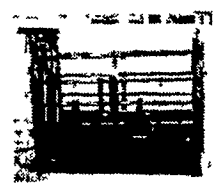
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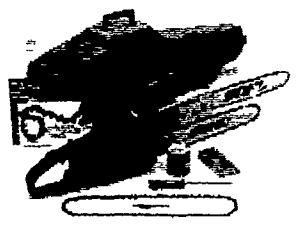
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USDA to raise rates for grading

WASHINGTON, D.C. — The U.S. Department of Agriculture will raise the rates it charges to grade eggs, poultry and rabbits, on Nov. 1 and will raise the overtime inspection rate for egg products to reflect increased costs of providing these services.

The charge for covering USDA supervision of grading and overhead expenses will be increased to $.02 of a cent per case of shell eggs and $.0002 of a cent per pound of poultry from $.015 of a cent and $.00015 respectively.

Since these rates were last increased in 1976, costs have steadily escalated, according to Mildred Thymian, administrator of USDA's Agricultural Marketing Service. The basic hourly rate charged for lot grading would be raised to $18.96 from the current $16.52.

The overtime rate USDA charges plants under egg products inspection would increase to $16.52 from $16.28 per hour. Costs for laboratory services will increase to $22.76 from $21.40 per hour.

Under the Agricultural Marketing Act, USDA must charge grading fees approximately equal to the cost of providing these services. Under the Egg Products Inspection Act, the cost of overtime service must be borne by the user, by appropriate funds pay the basic costs.

Thymian said the new rates are being put into effect on an interim basis — without a formal proposal — because of the immediate need to bring revenue in line with expenses.

"The interim rule will still allow full public participation in the rulemaking process," Thymian said.

Notice of the interim rule was published in the Oct. 7 Federal Register, available at many local libraries. Public comments, which must be received by Dec. 7, should be sent to D.M. Holbrook, Chief, Standardization Branch, Poultry Division, AMS, USDA, Rm. 3944-S, Washington, D.C. 20250.

Cornmeal attracts insect pests

UNIVERSITY PARK — Housewives keeping cornmeal in the kitchen or pantry may have a surprising collection of insects.

From a recent analysis of cornmeal packages, most insects were found in old containers or in storage areas having other pest problems. The offender was neither the flour mill nor the grocery store, stated Robert J. Snetsinger, College of Agriculture insect specialist at Penn State.

The most common insect collected was the common book louse, accounting for 89 percent of the specimens. Other insects found were the saw-toothed grain beetle, 5 percent; the drugstore beetle, 4 percent; and one species of grain moth, 2 percent.

Whole or fragments of insects were collected from 32 percent of the cornmeal samples. The sampling used a flotation method to extract insects from the meal. This method yielded 2,510 whole insects and 2,330 fragments from about 58 pounds of cornmeal sampled.

Cornmeal packages were examined from 53 homes in central Pennsylvania. Housewives were offered a new package of cornmeal in exchange for an old package. The survey was carried out by Reed Bechtel of Pittsburgh, former graduate student in entomology.

The cornmeal samples were taken from 10 company products, including nationally known brands and local products. Bechtel reported the brand did not appear to be related to insect infestations.

Average age of the cornmeal on home shelves was 22 months. Only three of the 53 packages had been purchased within one month of the survey. Seven packages had been on the pantry shelf for over three years. Of these, two had been there 10 years or more.

As part of the Penn State study, samples of fresh cornmeal were intentionally infested with two insects, the confused flour beetle and the saw-toothed grain beetle. The cornmeal was then placed in a freezer at 5° Fahrenheit for times ranging from 24 to 168 hours. In all cases the insects were killed.

"This procedure of putting cornmeal and other pantry products into a freezer appears to be an effective means of killing insects," Snetsinger stated.

He added, however, that pantries require complete cleanup where insects are hidden in shelf cracks. In some cases, the services of a professional pest control operator are needed.

Penn State offers swine mgt. conference

UNIVERSITY PARK — Penn State will be offering a conference for new swine producers on March 2-4 called Basic Swine Management.

"This conference is aimed primarily at those who are relatively new to or inexperienced in swine production," says William L. Sipple, Jr. of Penn State

The conference will be held at Penn State's University Park campus. For more information, write: Ag Conference Coordinator, 409 J.O. Keller Conference Center, Penn State, University Park, PA 16802.

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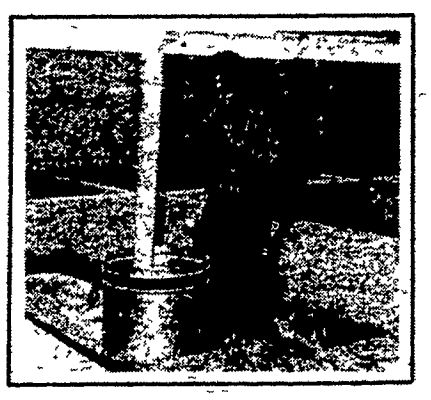

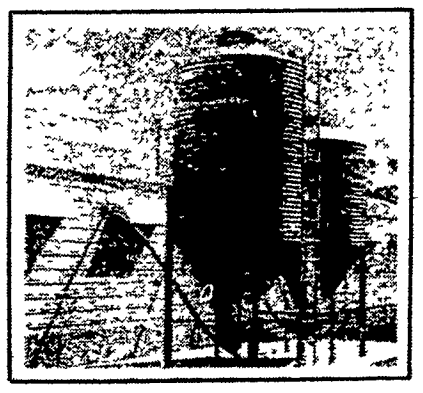

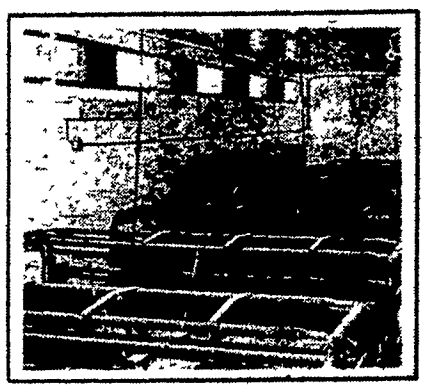

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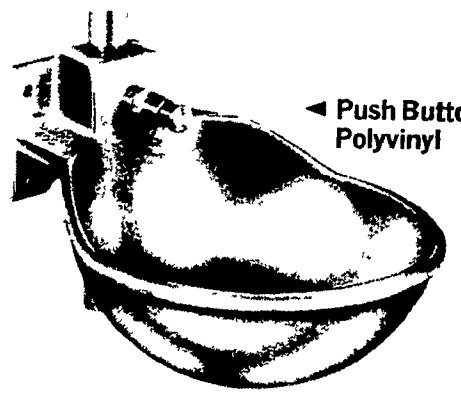

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At the 4-H dairy banquet

Lancaster County honors "cream of the crop"

BY DEBBIE KOONTZ

LANCASTER — For a productive year of hard work, lost sleep, bad nerves and frustration mingled with elation, the members of Lancaster County's 4-H dairy clubs were recognized at the annual 4-H dairy banquet, Monday night at the Good 'N Plenty Restaurant, here

Glenn Shirk, Extension dairy specialist and coordinator of the program, briefly described to the audience a portion of the work involved in the dairy clubs, ending by saying, "it makes you aware that 4-H really is a learn by doing project."

Presiding over the head table and in attendance for the honors were. Connie Balmer, president of the Guernsey Club, Steve Kauffman, president of the Holstein Club, Kevin Eshlemen, vice president of the Ayrshire, Brown Swiss and Jersey Club, Anita Brommer, secretary for the same club, and Karen Schmuck, treasurer for the same Deb Greider, Lancaster County dairy princess and alternate state princess, was also on hand to distribute awards

Special guests in the audience included county commissioners Robert Boyer and James Huber and Donna Lucidi, the new county 4-H agent.

The first awards presented during the program were those for the county judging team Top individual in the county and a member of the Pennsylvania team which placed third in Madison, WI, was Glenn Shenk of Lititz.

Other members of the winning team are Gerald Garber of Willow Street, top 4-H judge at the All American judging forum, team members Neal Crouse of Stevens and Leonard Stoltztus of Gap. Each member of the judging team received a trophy

The other most coveted awards, those of breed champions, were awarded to these five deserving 4-H'ers Anita Brommer of Conestoga for Anchor Mere Gold Cup in the Ayrshire breed; Scott Trimble of Peach Bottom for Donsdell Improver April in the Brown Swiss breed, Connie Balmer of Lititz for Gordline Princess Nanette in the Guernsey breed, Mike Shertzer of Lancaster for Rocky Springs Robin in the Holstein breed; and Helen Arrowsmith of Peach Bottom for Hillacres Ben Ellen in the Jersey breed. Helen also was Grand Champion winner at the district 4-H dairy show

Junior champion honors from each breed went to. Karen Schmuck of Peach Bottom for Pinelawn Hi Ruby in the Ayrshire breed; Michael Rohrer from Lancaster for Walnut Run Miss Sarah Purcell in the Guernsey breed, Robert Barley from Conestoga for Spring Bell Whirhill Penny for the Holstein breed, and Jere Shertzer of Lancaster for Ralaine Asm Fancy in the Jersey breed

The best owner-bred female awards went to Karen Schmuck for her Ayrshire, Pinelane Lansing Marchina; Mary Witmer, Willow Street, for her Guernsey, Penn Dell Vesuvius Baby Doll, Steve Kauffman, Elizabethtown, for his Holstien, Penn Springs Milestone Ada, and Helen Arrowsmith for the Jersey that brought her grand champion honors at the district show

Three champion showmen winners were announced In the senior division was Connie Balmer while junior honors went to Janice Garber, Willow Street. The rookie title went to Danny Welk of Strasburg.

Reserve champion showman titles went to Jon Michael Eby of Gordonville for his first year; Cindy Trimble of Peach Bottom for the junior division, and Steve Kauffman for the senior division

Project awards went to senior and junior members, breed winners and five additional members as honorable mention for high book scores. The award is given for top book scores, management score, interest, participation, record keeping and showmanship skills Those receiving project awards were Connie Balmer, county winner, Janice Garber, junior winner; Angie Spickler of Mount Joy for the Ayrshire breed; Cindy Trimble for the Brown Swiss breed; Steve Kauffman for the Holstein breed. Jere Shertzer for the Jersey breed, and honorable mention went to: Mary Lou Rohrer of Lancaster, Nicki Wivell of Columbia; Steve Wagner of Quarryville, Mary Witmer and Glenn Shenk.

Also, recognized for 14 years of volunteer service to the Ayrshire, Brown Swiss, and Jersey Club was David Harnish of Quarryville and Jay Landis of Lancaster for the Holstein Club.

Over 30 agricultural organizations, papers, companies and dairies throughout Lancaster County sponsored the awards, many of which had representatives on hand to present the various plaques and trophies.

These four dairy 4-H'ers were honored for having best owner-bred females at the annual dairy banquet. They are Steve Kauffman, Elizabethtown, for the Holstein breed; Mary Witmer, Willow Street, for the Guernsey breed; Helen Arrowsmith, Peach Bottom, for the Jersey breed; and Karen Schmuck, Peach Bottom, for the Ayrshire breed.

Connie Balmer of Lititz, right, and Janice Garber of Willow Street, left, earned project awards at the dairy banquet for being named senior and junior winners, respectively.

David Harnish of Quarryville was surprised when his name was called to receive an award for 14 years volunteer service to the Ayrshire, Brown Swiss and Jersey Club.

Income tax workshops coming Jan., Feb.

LANCASTER — Penn State Extension offices around the state are gearing up for the 1982 Farm Income Tax workshops, slated to begin in January

The one-day workshops are designed to help farmers and tax-practitioners keep up-to-date on changes in the tax laws that affect the ag business

The cost of the workshop is $17 per person, or $24 per couple, this fee includes the cost of lunch and materials.

A list of workshops follows.

Meeting time 9.30 a.m. to 3.30 p m

January 5 Quakertown, Best Western Motel on West Broad Street Take Route 313 off Route 309. The motel is one block east on West Broad.

January 6 Lancaster, Farm and Home Center. From Route 230 bypass, take Route 72 south one-half mile; turn east on service road next to Jones Pontiac.

January 7 Chambersburg, Holiday Inn (Southside) Take Wayne Avenue Exit of Interstate 81 to intersection of Route 316.

January 12 Edinboro, Holiday Inn Motel is two miles east of Route 79 on Route 6N

January 13 Butler, Garden Gate Restaurant, five miles west on Route 422

January 14 DuBois, Holiday Inn. Take exit 16 south off Interstate 80 to U S 219.

January 18 Lewisburg, Country Cupboard Restaurant. Restaurant is located on Route 15, 1 1/2 miles north of Lewisburg.

January 19 Tamaqua, Leibys Ice Cream House Continue three miles south to the intersection of Routes 443 and 309

January 20 Tunkhannock, Cleaverack Electric Building. The electric building is one mile west of town on Route 6.

January 21 Mansfield, Tri-County Rural Electric Cooperative Building, Main Street.

For more information contact any County Extension office

Del. apple growers like Penn State way to fight mites

By Doris Henrique Crowley

NEWARK, Del. — It's been a good year for Delaware apple growers. They've just finished harvesting a bumper crop. The crisp, juicy fruits are available now at many local roadside stands and grocery stores, as well as at the orchards themselves. Thousands of bushels of Delaware-grown apples have also been shipped to markets in Europe, South America, Iceland, Japan, and Canada. Thousands more are being processed into cider, juice, applesauce, and pie-filling.

Two producers—Carlton Fifer of Fifer Orchards in Wyoming and Charles Smith of T.S. Smith & Sons in Bridgeville—are likely to find that the season's been even more profitable, thanks to money-saving pest control measures they've adopted.

Extension pest management specialist Mark Graustein checks apple leaves for mite infestations. He's been helping two Delaware growers improve control of this destructive pest with naturally-occurring predator.

Extension pest management technician Joanne Whitehead checks pheromone trap in orchard as part of money-saving pest management program that is gaining in popularity among Delaware's apple producers.

Anyone who's tried to grow large, unblemished apples on a backyard tree knows it's pretty hard to protect the fruit from insect damage. Commercial growers usually solve this problem by following a costly season-long spray program.

One of the pests they need to control is the European red mite, which sucks the juices of leaves. A heavy infestation can lead to stunted fruit in the current crop and reduced yields the following year. Mites thrive on hot, dry weather. And there's usually a lot of that in Delaware. The pest is difficult and expensive to control.

A few years ago entomologists at Penn State developed a way to reduce the cost of controlling the apple mite by using orchard management practices which favor one of its natural enemies—a lady beetle called **Stethorus punctum.** Researchers found that when they allowed Stethorus populations to build up by reducing rates and frequency of sprays and by using materials least toxic to this beneficial insect, it effectively controlled mites.

The system has worked so well in Pennsylvania that when Fifer and Smith heard about it, they decided to try it out in their orchards. They asked University of Delaware Extension pest management specialist Mark Graustein to help put Stethorus to work for them. He responded by setting up a three-year pilot integrated pest management program based on the one developed at Penn State.

In 1980, the program's first year, only two blocks of trees on each farm were involved—one treated conventionally for mites, the other managed according to IPM recommendations. Nobody was sure how well the system would work, since Delaware's climate favors rapid build-up of mites. Success of the Penn State system

(Turn to Page B30)

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Mayer is new assoc. administrator of Foreign Ag Service

WASHINGTON, D C -- Secretary of Agriculture John R. Block has appointed Leo V. Mayer associate administrator of the U.S Department of Agriculture's Foreign Agricultural Service.

Mayer will be responsible for administering the commodity-statistical analysis and trade policy functions of the agency.

The new USDA executive was senior specialist for agriculture with the Congressional Research Service, Library of Congress, from 1979 until 1981, as well as during 1974-78

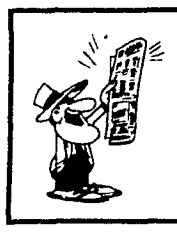
From 1978 until 1979, he was senior staff economist with the office of the special representative for trade negotiations, Executive Office of the President. He was senior staff economist, Council of Economic Advisors, Executive Office of the President, from 1972 until 1974.

Prior to that, Mayer held several positions with Iowa State University in Ames, Iowa, including associate director, North Central Regional Center for Rural Development (1971-72); associate professor, department of economics (1970-72); assistant professor, department of economics (1967-70); and several research positions (1961-67).

Mayer worked for the USDA's Statistical Reporting Service in Sacramento, Calif., during 1960-61. From 1959 until 1960, he was a research assistant with the economics department of Kansas State University in Manhattan.

Mayer is the author of several books and articles on agriculture and food policy, and has served as guest lecturer for the U.S. Information Agency and Department of State in India, Mexico, Brazil, Chile, the Caribbean and the Soviet Union.

A native of Clyde, Kansas, Mayer received his bachelor's and master's degrees in agricultural economics from Kansas State University in Manhattan. He and his wife and two children live in Alexandria



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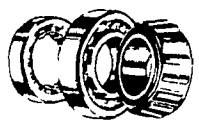

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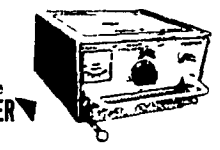

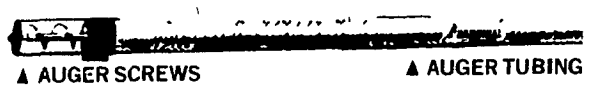

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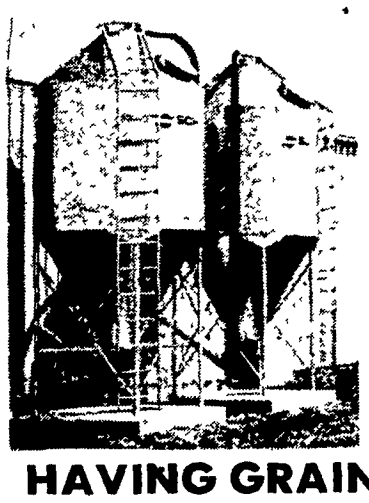

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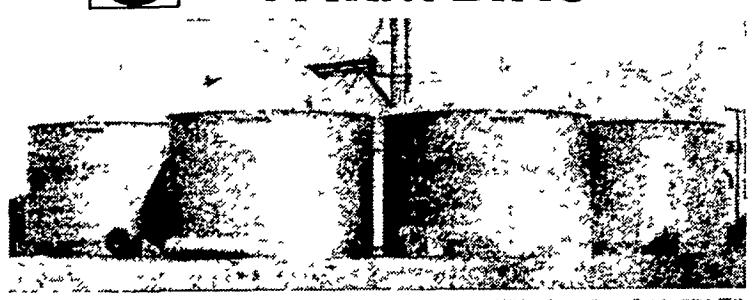

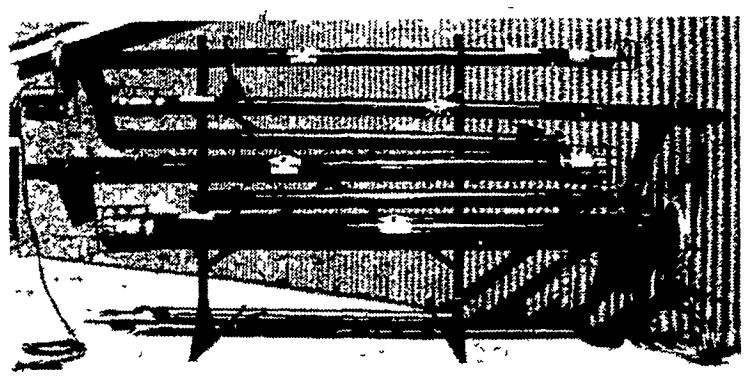

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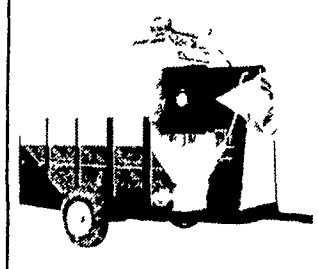

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MOMENCE, Il. — What causes ears of corn not to fill out on the tips?

When corn doesn't fill, it's because those last kernels on the end were not pollinated or because something interfered with the food production at the last part of the filling period, according to Lance Murrell, Custom Farm Seed agronomist.

If there was a problem with pollination, it's generally because there was a stress placed on the plant which either delayed the silk emergence to the point of having no more pollen around or rendered the silks unreceptive to pollen because of extreme heat. Since those are the last silks to emerge, any stress can put them out of "sync" with the pollen shed.

It's difficult to tell by looking at the tip of the ear just what happened. If there are no recognizable ovules there, problems with pollination were probably the cause. If the ovules have some yellow color to them but just appear shrunken, then filling was the problem.

What caused the filling problem is more difficult to determine. Anything which causes an imbalance of available nutrients can cause filling problems. Generally, at the end of the filling period, it's thought that most of the problems will be caused by nitrogen or potassium deficiencies. Poor drainage, not enough nutrient applied, compaction, weed pressure, and insect damage from both root or stalk insects can cause nutrient imbalance. Ferreting out the real cause at the tail end of the season is difficult if not impossible.

At the last part of the season, the sugar level of the plant is extremely important in the general health of the plant. The root system of the corn plant reaches its maximum growth and length about silking and pollination. From there on the root system actually starts downhill.

The root system is at the end of the plant food chain. If sugar levels are running low, the ear takes first priority and the roots come out dead last. When the sugar level drops, root rot sets in. If that sugar drain continues on into the stalk, then those root rots became stalk rot.

At some point the ear begins to run short of sugar also, if the drain is severe enough. When this happens, those kernels on the tip end of the ear may not get filled.

We have already talked about nutrient deficiencies as a part of the problem, but there is another extremely important part of the sugar-making process in the plant and that is sunlight. Sunlight is the energy source which converts water and carbon dioxide into sugar in the presence of chlorophyll. The critical time for sugar production seems to be within a three-week period right after pollination.

If there is an abundance of cloudy days or there is a disease which reduces the leaf surface, then the sugar-making process can't keep up with the demand from the ear, and the whole sugar deficit and drain process begins.

There is another problem which can occur, and that is artificial shade. This comes from planting a hybrid at too high a population if that hybrid is built for lower ones. This "artificial shade" has somewhat the same effect as cloudy days in reducing sugar production

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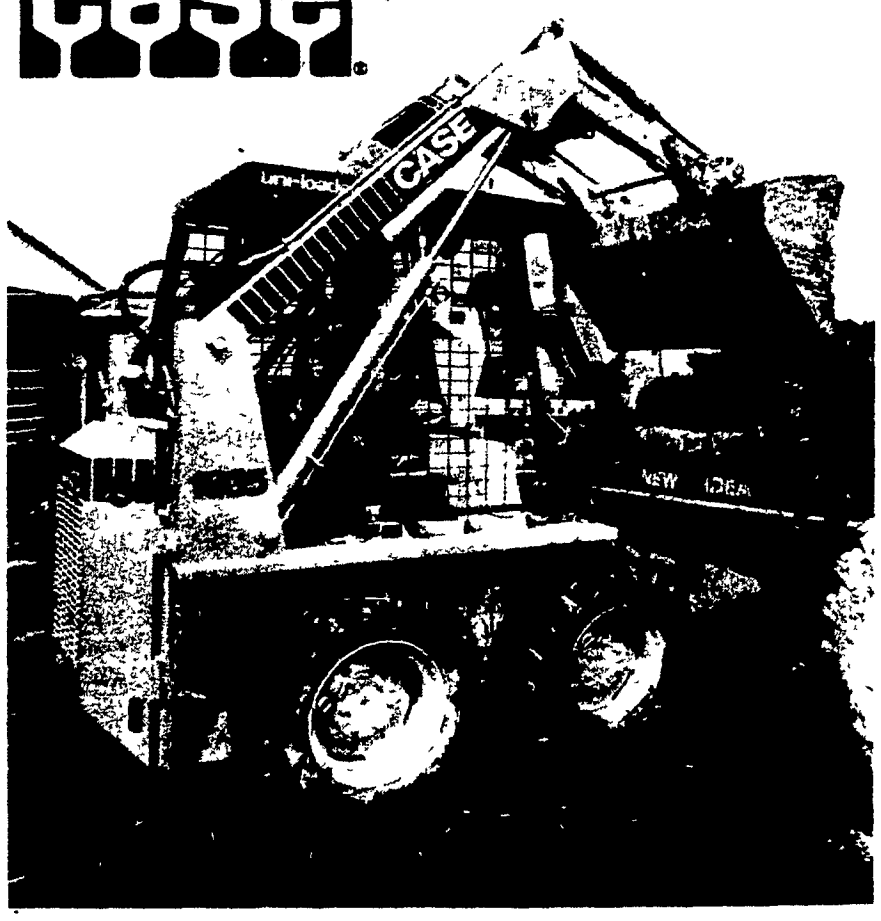

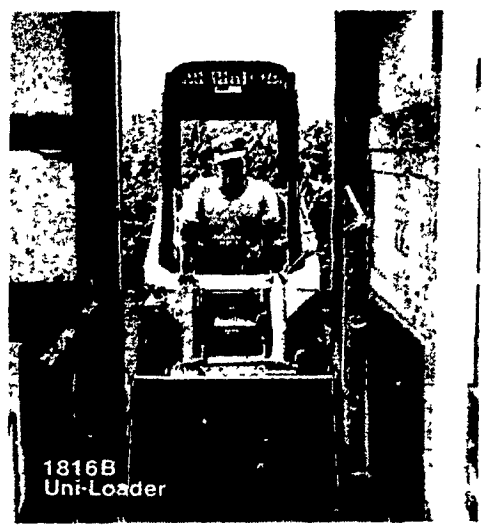

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Apple growers fight mites

(Continued from Page B27)

depends on withholding miticides as long as possible to give the Stethrous predator time to become well-established.

If you treat too soon, you may reduce lady beetle numbers to a point where they can't provide effective biological control. But if the mites get out of hand, they could cause crop losses.

To guard against this happening, entomologists have established a population threshold for the mites. As long as numbers remain below that level, the crop is considered safe from economic injury. The scientists also know how many Stethorus are needed for satisfactory biological control. Routine scouting is required over the growing season to maintain a count of both insects. Graustein's assistant Joanne Whithead trained and supervised the scouts needed for the Delaware pilot program

Carlton Fifer of Fifer Orchards, Wyoming, Del. poses beside load of fresh apples. Some will be sold through local stores, others may end up in England, South America or Japan.

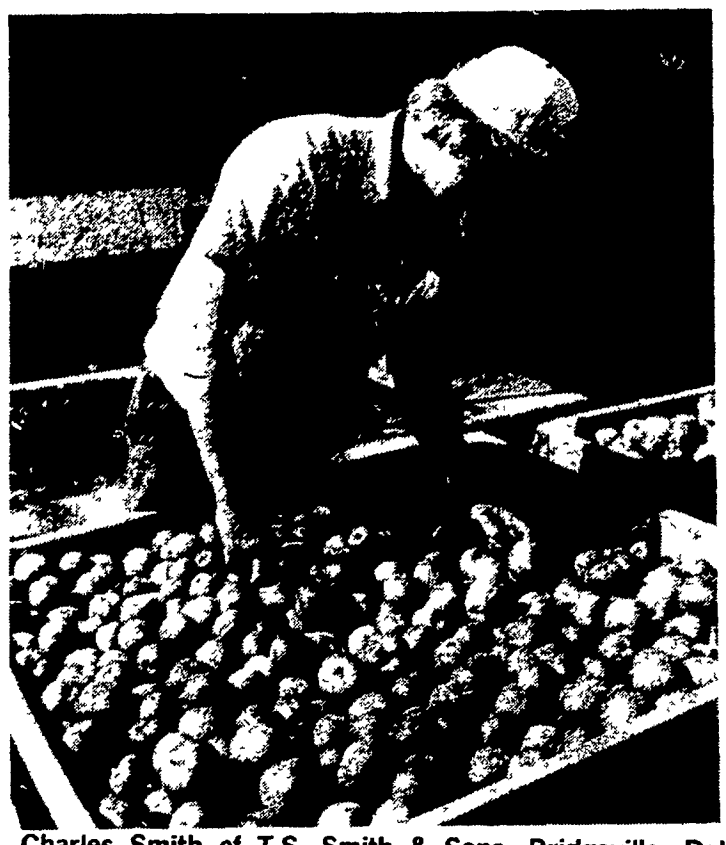
IPM worked so well in 1980 that this year the program was expanded to include a total of eight orchard blocks, all using integrated pest management practices. Blocks ranged in size from 15 to 40 acres, averaging around 25 to 30 acres. Most of the trees involved were red delicious, the variety most susceptible to mites.

Before adoption of the IPM program, most blocks in the Smith and Fifer orchards averaged three to four miticide applications a season. This year, under IPM, even blocks that did require treatment needed only one or two sprays, thanks to superior predator control. This represents a savings of about $8 per acre per spray in chemical costs, Graustein estimates.

One 15-acre block with a history of severe mite problems (including resistance to miticides) was treated six times in 1980 under a conventional pest control schedule with only marginal results. Last summer, under IPM, that same block required only one and one-half treatments for excellent control. This represents a savings in chemicals alone of about $36 an acre, or $540.

Graustein is quick to credit the program's success to the skillful management of Smith and Fifer. Both did an excellent job of pruning to permit better spray coverage when chemicals were used. And foliar feeding may have helped trees become more tolerant of low-level mite infestations.

When they did spray, both growers used fungicides and insecticides known to have limited toxcity to the Stethorus predator. The result of their efforts was a 50-percent reduction in miticide sprays in some orchard blocks last summer and no miticides at all in others.



Charles Smith of T.S. Smith & Sons, Bridgeville, Del. checks over fresh-picked apples. Firm fresh-packs 10 to 20,000 bushels of apples a year, and sends another 100,000 to the processor.

Looking back, Charles Smith admits that at first he was pretty nervous about leaving the mites alone at the start of the season while Stethorus numbers grew. "It's always been the practice of our farm to spray as soon as you see mites," he says. But though he had some anxious moments waiting for the beetle to take over, he's glad now that he did.

"The scouting saved me at least two sprays on my apples this year," says Smith. Scouting is a big part of pest management with field crops on the Smith farm, but applying the concept to apples was a new idea. He now wholeheartedly supports the program and plans to use a scout on all his apple acreage next year.

Fifer is equally pleased. "When we first heard about Penn State's apple mite program, we were spending a lot of money on miticides and only one was really working. So we were ready to try something else," he says. "The program really paid off for us this year. We'll definitely do it again."

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13.8 Ft.	146	6	2085	15.3	19.3	$1,173.00
19.1 Ft.	194	4	2883	10.3	15.8	$1,414.00
19.1 Ft.	195	5	3488	12.8	18.3	$1,654.00
19.1 Ft.	196	6	4093	15.3	20.8	$1,920.00
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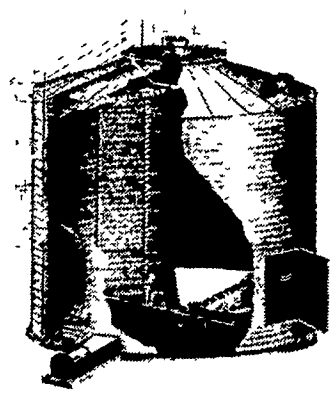

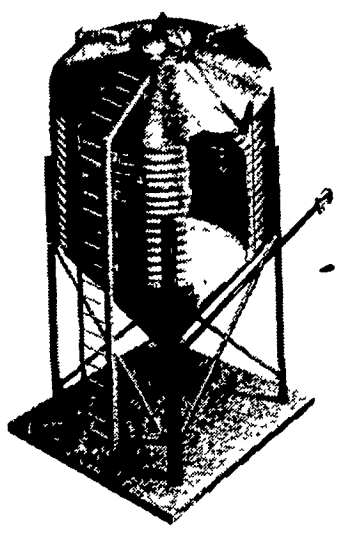

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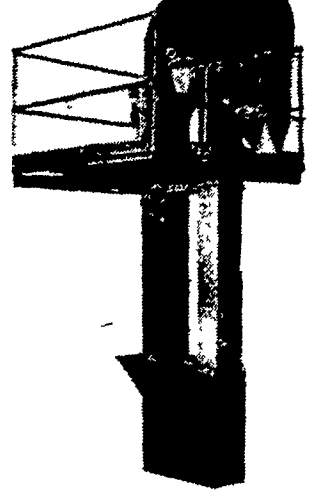

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Lancaster Co. Guernsey breeders will assemble

LANCASTER — Lancaster County Guernsey breeders will gather next Friday, November 13, for the annual Meeting and Banquet at the Refton Fire Hall at 7 p.m.

Millie Linde and Peter Witmer will discuss their trip to California and treat the group to a slide show of California Guernseys. Inter-State Milk Producers' President Robert McSparran, a Guernsey breeder, is also scheduled to speak.

Banquet tickets cost $5.50 per person and $2.75 for children under 8 years of age. A family style ham dinner will be served. For reservations contact either Robert Rohrer, 687-7242 or Peter Witmer 786-3526.

Anyone who has a high production record in milk or fat, or a high lifetime production, can contact DHIA representative Kenneth Garber 464-2894 by Saturday, November 7.

U of Penn celebrates building's birthday

PHILADELPHIA — What do you give to a building that's celebrating a birthday?

November 15 marks the tenth birthday of the Alarik Myrin Memorial Research Building, the large-animal facility at the University of Pennsylvania's New Bolton Center, Kennett Square. Robert Marshak, dean of the Veterinary School at Penn, and The Kling Partnership, the architectural/engineering/interior design firm which designed the building, have invited a few hundred friends to celebrate, complete with a birthday cake and candles.

Cocktails will be served in the surgical suite ar a videotape of the building's de ication will be shown. Veterinar ans will make brief presentations about current research on nutrition

"The Myrin Research Building has housed us well for a decade," said Dean Marshak, "and we're counting on it for decades more. It continues to serve the purposes for which it was designed, and this is a good opportunity to thank the people who made the building possible."

The Kling Partnership recently completed another major veterinary facilty for Penn. the small-animal Veterinary Hospital of the University of Pennsylvania, located on the main campus in University City and occupied in October 1981.

The four-story, $16.5 million structure "will set the pace for future facilities for animal care," said John Rutkowski, AIA, Kling partner-in-charge of the new facility.

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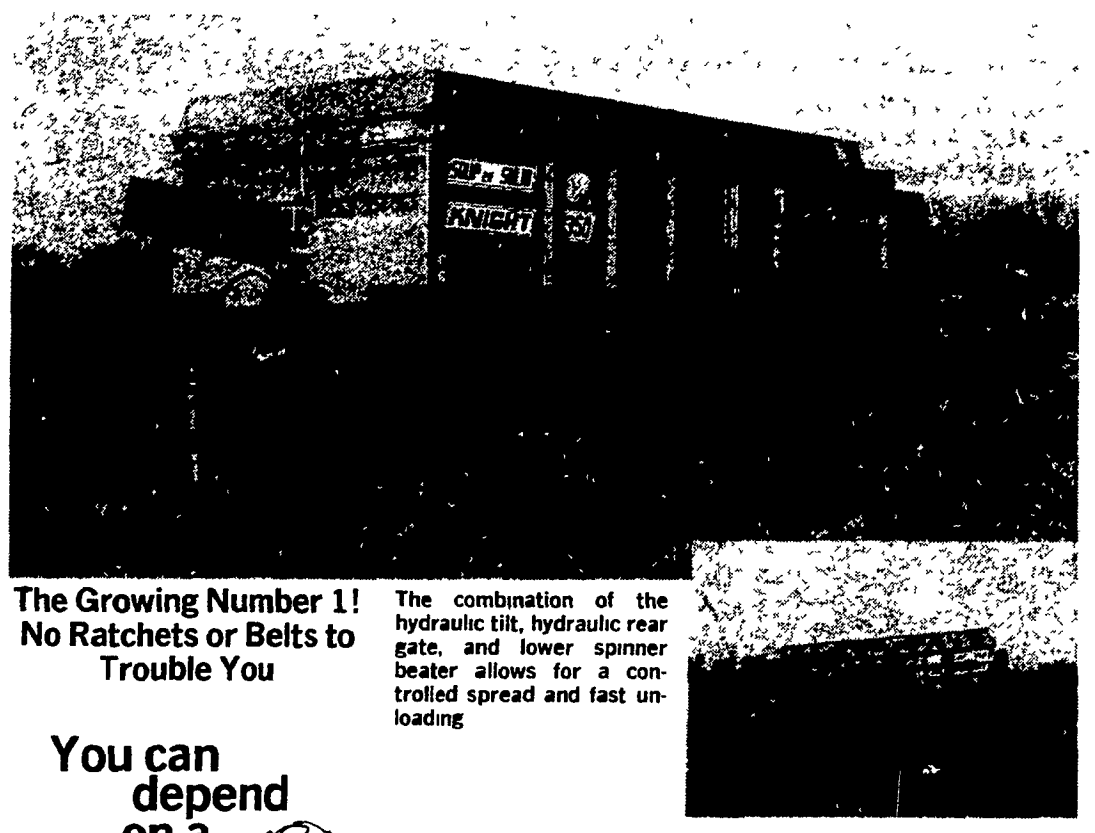

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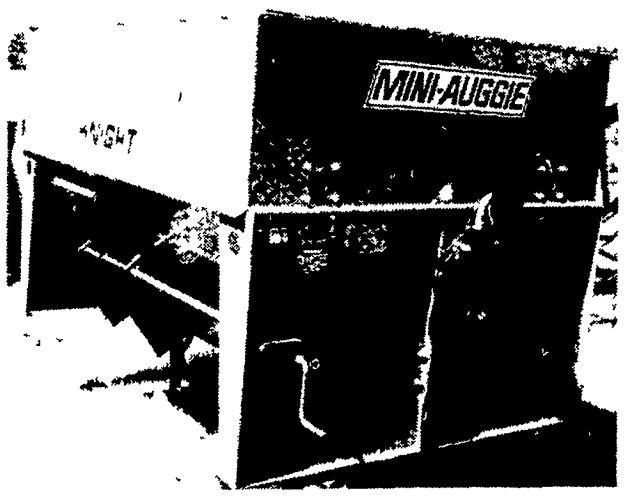

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USDA raises meat grading fees

WASHINGTON, D.C. — Effective Nov. 29, fees charged to meat packers and processors who use the U.S. Department of Agriculture's grading and certification services will be raised by $3 an hour for work in regular time.

Thomas H. Porter, an official of USDA's Agricultural Marketing service, said the increase is needed because of pay increases to federal workers in October and other increases in costs of conducting the grading and certification program.

Fees will be increased from $20.20 to $23.20 per hour for work performed between 6 a.m. and 6 p.m., Monday through Friday.

Grading and certification work performed on Saturday, Sunday and between 6 p.m. and 6 a.m. Monday through Friday will increase from $25.20 to $28.20 per hour. Fees for work done on legal holidays will be increased from $40.40 to $46.40.

Meat grading and certification are voluntary services provided to meat packers and processors for a fee, Porter said. Fees for these services must be about equal to the cost of providing the service.

Comments on the increase may be sent until Dec. 31 to David K. Hallett, livestock, meat, grain and seed division, rm. M-1, Annex, AMS, USDA, Washington, D.C. 20250.

Notice of the fee increase were published in the Oct. 14 Federal Register, available at most public libraries.

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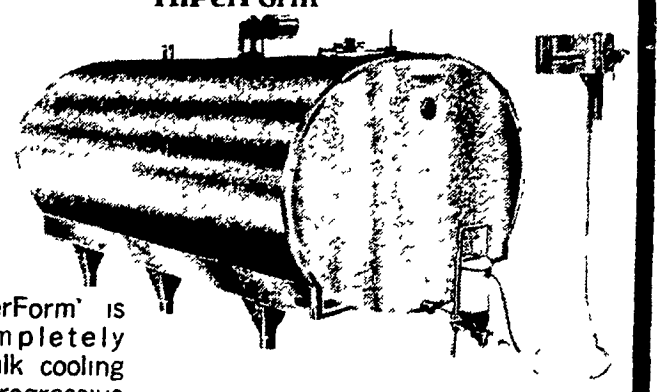

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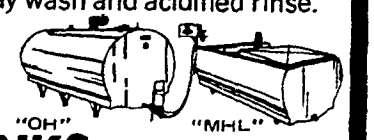

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USDA proposes changes in nat'l poultry improvement plan

WASHINGTON, D.C. — Poultry breeders and hatchers have asked the U.S. Department of Agriculture to adopt 22 changes in the national poultry improvement plan.

The changes were approved by about 100 delegates representing the poultry breeding and hatching industries at the 1980 biennial national poultry improvement conference held in New Orleans, La.

The 22 changes USDA is proposing include

—Revising the sample from breeding chicken flocks being tested for official Mycoplasma gallisepticum and Mycoplasma synoviae classification;

—Providing for a Mycoplasma gallisepticum testing and classification program for started poultry;

—Providing for a Mycoplasma meleagridis testing and classification program for turkey breeding flocks,

—Exempting the testing of waterfowl for Salmonella pullorum and Salmonella gallinarum when located on the same premises as a participating chicken, turkey or game bird breeding flock, if they are incidental to the participating flock;

—Amending procedures for bacterial examination of Salmonella reactors;

—Establishing procedures for bacterial examination of Mycoplasma reactors,

—Expanding the duties of the general conference committee to include the study of all problems relating to poultry health.

These proposals were published in the Oct. 16 Federal Register Comments may be submitted until Dec. 15 to. Deputy Administrator, USDA, APHIS, Bldg. 265, BARC-EAST, Beltsville, Md., 20705

The National Poultry Improvement Plan is a voluntary state-federal cooperative program to improve poultry and poultry products by controlling certain egg-transmitted and hatchery-disseminated poultry diseases

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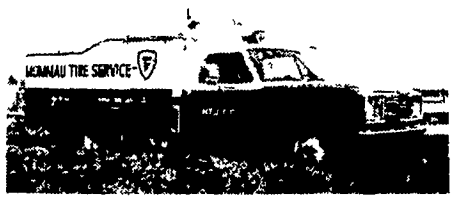

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Cloned calves gestating, due in mid-April

FORT COLLINS, Col. — Colorado State University researchers have developed the means to split cattle embroys and implant them in recipient cows, producing genetically identical twins, or clones.

Dr Peter Elsden of the CSU Animal Reproduction Laboratory embryo transplant project, announced that a group of researchers here confirmed that seven CSU cows are more than 60 days pregnant with twins by way of the new process. Two others are pregnant with one embryo out of the 14 total twin transplants.

George Seidel, CSU associate professor of physiology and biophysics, and Elsden, conducted the research and Timothy J. Williams, a post-doctoral fellow, developed the splitting technique.

The process, Elsden explained, involves inseminating a donor cow, collecting an embryo, splitting the embryo and then placing the two halves into a recipient cow.

The result is two identical calves.

Elsden added that scientists at Cambridge University in Great Britain produced identical calves from the same embryo about a year ago, but the CSU process does not damage the donor cow, while the previous process does The Cambridge group removed the embryo surgically and that process can be completed only two or three times on the same cow There is no practical limit to the number of times the CSU process can be completed.

Elsden added that split embryos should be commercially feasible for breeding stock soon because of his breakthrough.

In the new process, the embryo is non-surgically collected from the donor cow six to seven days after estrus. Then, inside the shell, the embryo is cut in half. At this point in the embryo's development, the cells have not begun to differentiate and the embryo is about 250 microns in diameter composed of 50 to 60 cells. The splitting process is conducted on a micro-manipulator—a microscope with very small controllable arms to which various tools can be attached.

Williams explained that after the embryo is cut in halt, halt is removed and placed into another shell from which the cytoplasm (unfertilized egg cells) have been removed.

Within an hour after the embryo has been split, the two embryos are ready to be placed in the recipient cow.

Pregnancies appear normal, Elsden said, adding that there should be only a 2 to 3 percent chance that the pregnancies will abort–the normal rate this far into term. Likewise, there should be little or no chance that the resulting calves will be deformed since the splitting was conducted prior to cell differentiation and most malformations abort early in pregnancy.

Williams said he has worked for the last year to perfect the splitting techniques, adding that he had to develop the process from scratch since it had never been done before. Also, Williams has had to develop some of his own tools for the process.

The implication of the CSU development, Elsden explained, is that a practical method of obtaining identifical twins now is available. Researchers sometimes have to wait a long time for identical twins to occur naturally to use in scientific experiments such as nutrition studies, he added.

Also, being able to produce identical twins will allow pedigree breeders to speedily increase the genetic pool in cattle.

Human applications for the procedure should be nil, Elsden observed. "There is no reason why it can't be done, but no reason why it should."

The first calves shold be born about mid-April, Elsden said.

Limousin Foundation extends $25 special

DENVER, Colo. — Due to the tremendous acceptance of the North American Limousin Foundation's $25 registration special, the program has been extended until December 15, reports Greg Martin, NALF executive vice president.

The $25 special, initially scheduled to expire November 1, allows breeders to record eligible animals older than 2 years at $25 instead of the $100 normally charged. The Limousin Foundation introduced the special because of the increased demand for Limousin cattle and to help Limousin breeders record older animals, Martin says.

Animals must meet all registration requirements. The animals must be sired by a registered Limousin bull and may be out of either a registered Limousin female or a foundation cow (non-Limousin). Females from 37 percent to 100 percent and bulls from 50 percent to 100 percent Limousin are eligible.

The extended offer applies only to animals 2 years old and older After December 15, the fee to record an over-aged animal will return to the original $100. The fee scale for all other ages remains the same with animals from birth to 270 days at $10, animals from 271 to 450 days at $15 and animals between 451 days and 2 years of age at $25.

More information of the $25 special is available from the North American Limousin Foundation, 100 Livestock Exchange Building, Denver, CO 80216 phone 303/623-6544.

Entries due for Dover crop show

DOVER — "This year's annual crop improvement show looks like it could be our biggest and best ever," says Bill Fleet, advisor to the Dover Young Farmers.

Beginning as a Young Farmer class competition to compare crops and practices, the annual show has grown in four years to a county-wide event, open to all farmers interested in participating.

Entries should be at the Dover Area High School cafeteria by 7 p.m. on Tuesday, November 10. Judging will begin as soon as all entries are in place.

While judging is taking place, contest entrants and guests can visit with over 20 seed, chemical, fertilizer, feed and equipment representatives who will set up table displays as part of the crops show.

Following the actual judging, county agent John Smith will discuss the crop entry classes, explaining reasons for the selection of the top winner in each category. Ribbons and plaques will be awarded to class winners, and champions will be declared in the hay and silage categories.

In addition, all first and second place winning hay samples will be held for entry in the Pennsylvania Farm Show in January, under the name of the winning entrants.

A nominal entry fee will be charged to help offset award costs.

Refreshments, and the awarding of door prizes, are planned at the finish of the competition.

All York County farmers are invited to bring crop entries for the following classes. all cuttings of alfalfa, clover, timothy and mixed hay; ear corn, small grains; soybeans, silage and haylage.

Sample sizes should be hay, 8-inch slice; ear corn, 10 ears; small grains, 4 quarts, silage and haylage, 4 quarts.-J.B.

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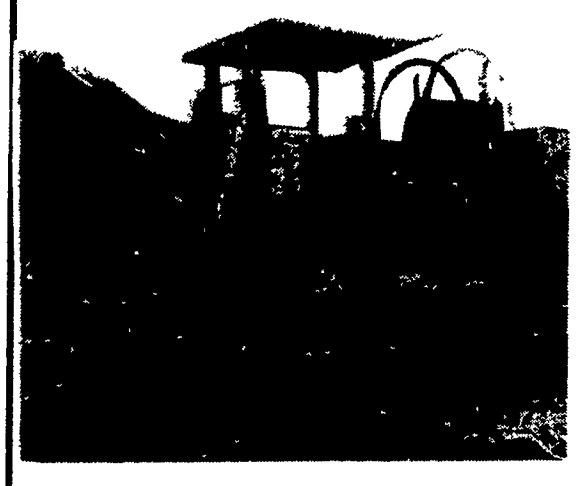
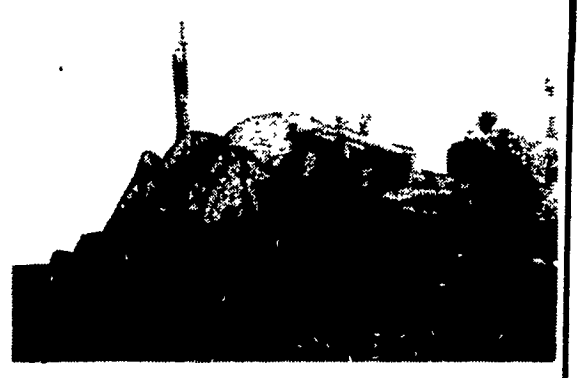
DRAINAGE PROBLEMS?





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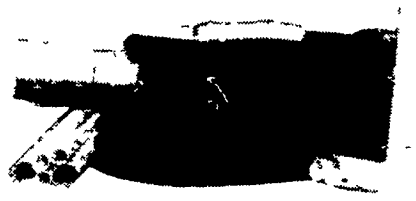
Drainage Pays High Returns	Typical Annual Return
Investment	
Land Drainage	21-46%
Farm Buildings	3-23%
Farm Land	11%
Stocks	7 4%
Bonds	6 1%

COMPARE
Even with the conservative figures shown here, it's obvious that land drainage should top farmers' lists of investment priorities.



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PENNSYLVANIA CHAPTER LICA

Hog producers respond to cheap feed

UNIVERSITY PARK — The September Hogs and Pigs Report indicates hog producers will soon be expanding hog production despite the lack of profits during the past two years, says H. Louis Moore, Penn State Extension agricultural economist.

Producers in the 14 states conducting quarterly surveys on September 1 had 5 percent fewer hogs on farms than a year ago Back in June these producers expected to cut 8 percent by September 1.

"The major factor contributing to producer optimism in hogs is the development of what is going to be a bumper corn crop," says Moore "The price of corn has dropped about 20 percent since early June Producers feel it will be less expensive to feed hogs in the months ahead with little chance of a major recovery in corn prices."

Moore adds that producers have analyzed the situation and feel it will be more profitable feeding their corn to hogs rather than selling corn at depressed prices.

Since June, there were important developments which made producers more inclined to slow the cutback in production Hog prices improved from June 1 and are currently over $50 at Pennsylvania markets

The breeding inventory at 7.6 million head in the 14 states was down 5 percent from last September but just 3 months ago producers intended to have a 12 percent smaller breeding herd on September 1 Iowa, the leading hog state, had 2 percent more hogs on inventory in September but had 8 percent more breeding hogs

The cutback in hog production had definitely slowed in the last 3 months Marketings in the remainder of 1981 will be 7 to 8 percent below a year ago and prices should hold near current levels But the prospects for additional supplies after the first of the year will dampen the price prospects for the first half of 1982

Pennsylvania hog industry was last surveyed in June. At that time producers planned a 15 percent cut in farrowings in the June-November period. If Pennsylvania follows the lead of the 14 survey states the cuts have been sharply reduced The next national hog survey will be conducted on December 1

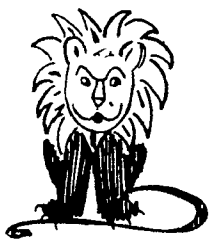
Moore says that Pennsylvania is not included in quarterly survey because when the survey was set up the state was not among the top 14 producers Pennsylvania now has more hogs then Texas — the lowest producer in the survey

Martin wins in honey show

ROHRERSTOWN — The entry of Weaver Martin, R2, Paradise, won the grand championship of the Lancaster County Beekeepers' Association Honey Show Monday night.

The amber entry was tops among 18 in the show held at the Dutch Gold Honey processing and distribution plant Martin also won in 1978.

Reserve champ was Dan L Fitzkee, R6, Manheim, with a light amber entry. Best of Show went to a honey walnut pie made by Kay Johnson, of Christiana



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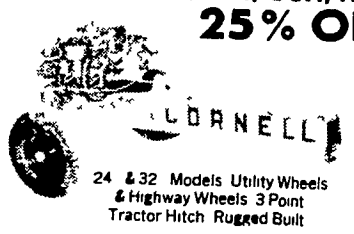

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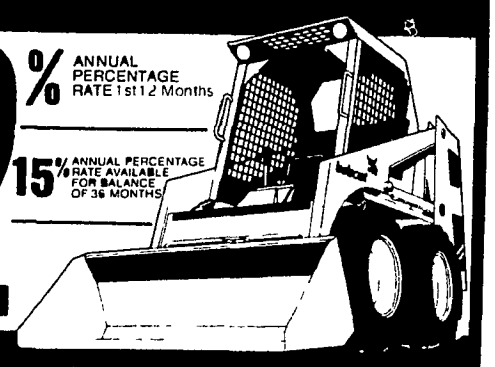

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Franklin County DHIA Monthly Report

dhia Pennsylvania Dairy Herd Improvement Association

September, 1981

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
Frank S Heberlig	H	48 3	55 4	38	2 08
R C & J R Shoemaker	H	35 4	59 2	35	2 06
Donald L Brechbill	H	31 5	54 4	38	2 06
Wayne A Hall	H	38 2	55 3	37	2 05
Ray R Kane	H	28 7	53 0	38	2 02
R V & S V. Hollenshead	H	32 2	53 8	37	2 00
Charles L Rosenberry	H	52 0	52 4	38	1 98
Robert E Harwood	H	87 8	54 7	36	1 96
Ray Wingert	H	56 9	50 6	38	1 94
Norlo Farm	H	139 7	55 8	34	1 88
R C & C B Allison	H	161 3	52 4	35	1 86
Philip & Conrad Hege	H	57 6	50 4	37	1 86
Myr Lea Farms	H	65 5	52 8	35	1 85
R & S Hollenshead #2	H	49 0	51 1	36	1 85
Glenn L Kuhns	H	42 0	47 4	39	1 84
Gaymere Farms	H	166 2	49 3	37	1 83
Kenneth L Caufman	8	38 0	46 8	39	1 83
Carl O Stuff	H	47 2	53 9	34	1 82
Howard & Steve Mellott	H	74 6	47 2	38	1 80
Carl E Pugh & Son	H	136 9	47 5	38	1 79
Burk Lea Farms	H	118 4	52 9	34	1 79
Elmer & Frank Ressler	H	37 0	51 5	35	1 79
J C Young Jr & Son	H	62 5	56 5	32	1 78
Hamilton Height Farm	H	187 6	48 1	37	1 78
Aldus Eby	H	53 4	55 5	31	1 74
Pine Lane Farm	H	65 0	46 7	37	1 74
Samuel H Kuhns	H	82 8	47 6	36	1 73
Kenneth Mellott	H	80 9	47 7	36	1 72
Lester D Fortna	H	41 8	48 8	35	1 72
Roger A Negley	H	57 3	47 4	36	1 72
Blaine Brechbill & Son	H	64 0	50 2	34	1 71
Walnut Lane Farm	G	74 7	37 4	45	1 70
H Lester Oyler Ext	H	70 4	44 2	38	1 69
Raymond N Benedict	H	73 0	48 0	35	1 69
Mark W Meyers	H	76 9	45 0	38	1 69
Stoners Hijos Hill	H	241 6	46 1	36	1 67
S Minor Robinson	H	55 6	47 0	36	1 67
R Cordell & J McKenzie	H	131 7	48 0	35	1 67
Criderdale Farm	H	69 6	48 0	35	1 67
Paul D Eckstine	H	44 7	47 1	35	1 66
Harold F Crider	H	48 4	48 3	34	1 66
J Eldon Crider	H	50 1	44 7	37	1 66
B Aden Horst & Son	H	39 3	49 6	33	1 66
Dean E Horst	8	60 7	50 1	33	1 65
Sollenberger & McCoy	H	128 6	47 1	35	1 64
Robert Mellot	H	38 1	44 1	37	1 64
George Skelly	H	70 9	47 7	34	1 64
Dennis W Bricker	H	32 6	46 0	36	1 64
Mervin & Rachel Frey	H	54 0	46 4	35	1 64
Stone Hart Farm	H	132 3	50 5	32	1 63

OWNER NAME OR NO	AGE AT CALVING	DAYS IN MILK	LBS MILK	LBS. FAT
David A Heckman Linda	11 0	305	24,870	1039
George Skelly Barb	11 0	305	24 346	959
Frank S Heberlig 126	11 0	305	29,819	953
Frank S Heberlig 134	11 0	305	21,701	949
Jerry Martin Collena	11 0	305	24,851	947
H Lester Oyler Ext Bab	10 0	305	24,458	942
R V & S V Hollenshead Tricia	11 0	305	28,105	926
Dennis W Bricker Rhoda	11 0	295	20,932	916
J C Young Jr & Son Barbara	10 0	305	22,809	913
Mountain Green Farm 162	10 0	305	21,983	911
Kenneth Mellott Jewel	10-0	305	23,306	905
Roger Beck Tea	11 0	305	23,707	903
Ray Wingert 2	10-0	305	23,339	903
Carl E Pugh & Son Hon	11 0	305	22,323	900
R V & S V Hollenshead Marvel	11 0	305	23,858	890
Roy Kendig Peach	11 0	305	22,372	888
Ray Wingert 10	11 0	305	20,656	885
Stephen L Martin Ann	11 0	305	22,698	883
R C & C B Allison 219	10-0	305	27,934	880
George Skelly Lesle	11 0	305	24,540	879
Preston M Frey 6	11 0	305	20,541	879

Somerset County DHIA Report

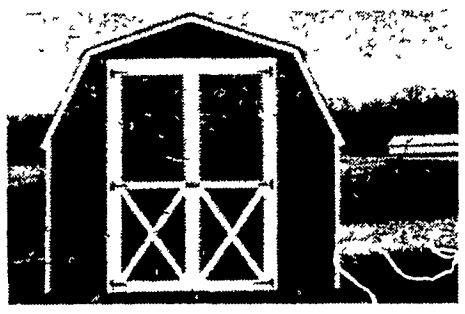
dhia Pennsylvania Dairy Herd Improvement Association

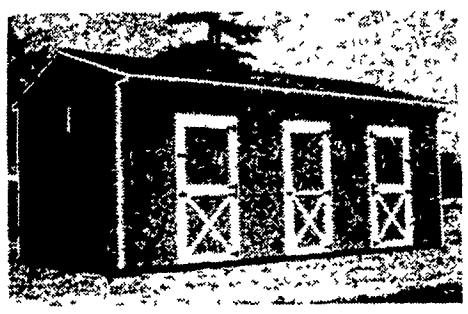
September 1981

NAME	BRD	NO COWS	% COW DAYS IN MILK	LBS MILK	LBS. FAT	% FAT
Reimandale Farm	3	54 5	90 8	55 1	3 7	2 03
Cross Road Farm	B3	47 6	87 5	50 2	4 0	2 03
Harold Saylor	B3	55 9	87 1	48 9	4 1	2 01
Gerald F Carr	3	58 7	90 6	53 3	3 7	1 97
Latuch Brothers	3	79 7	90 2	57 6	3 3	1 92
Harold E Miller	B3	63 5	88 1	52 9	3 6	1 90
Sec Win Farm	3	80 4	90 7	51 8	3 6	1 89
Dean E Hillegas	B3	57 3	90 8	50 6	3 7	1 89
Merle & Mark Mishler	B3	33 8	98 1	57 6	3 3	1 89
Claradale Farms	3	70 9	85 8	51 2	3 7	1 87
Timothy D Clites	B3	36 6	88 9	48 7	3 8	1 87
Paul & Sharon Fox	B3	39 1	97 8	56 9	3 3	1 87
Donald Glessner	3	38 0	85 5	45 3	4 1	1 86
Robert M Bauermaster	3	103 6	92 0	47 3	3 9	1 84
James W Ringler	B3	52 4	85 0	47 0	3 9	1 81
North View Farm	3	142 7	85 2	47 2	3 8	1 81
William E Hunsberger	B3	51 0	91 6	55 8	3 2	1 80
Paul & Dave Countryman	3	90 6	91 3	47 1	3 8	1 79
Zerm Dairy Farm	B3	87 6	85 9	44 7	4 0	1 79
William & Vera Shultz	3	45 6	78 9	49 2	3 6	1 78
Wayne Schrock	3	55 1	90 5	55 8	3 2	1 78
Donald E VanGilder	B3	70 6	89 4	49 4	3 6	1 76
Hillegass Farms	3	92 1	86 6	45 7	3 8	1 74
Don R Miller	B3	52 1	86 8	44 4	3 9	1 74
George C Stahl	G3	58 7	83 8	48 1	3 6	1 74
Owen Stellingwerf	B3	37 1	88 0	47 7	3 6	1 73
Lewis W Berkley	3	64 4	84 4	43 5	3 9	1 71
George N Baer	3	64 6	90 5	45 9	3 7	1 70
Strip View Farm	B3	39 8	87 5	46 9	3 6	1 69
Donna L & K Brant	3	49 8	94 3	47 3	3 5	1 66
William D Marteeny	B3	68 2	85 8	46 8	3 5	1 66
Charles S Wilcox	B3	75 9	90 5	45 3	3 7	1 66
Lonnie D Ream	B3	31 7	83 7	45 6	3 6	1 66
Clark E Weyand	B3	55 5	89 7	46 4	3 5	1 64
Elwood Yoder	B3	35 6	89 2	50 1	3 3	1 64
Douglas J Hillegass	B3	54 2	89 3	43 4	3 8	1 63
Wel Lyn Farms	3	71 1	81 4	43 6	3 7	1 62
William Blough & Son	B3	119 3	80 4	40 9	4 0	1 62
Stoney Acres Farm	B3	47 9	88 0	42 1	3 8	1 62
Windy Valley Dairy	B3	92 6	89 3	47 2	3 4	1 62
Jim Brocht	B3	62 4	87 8	42 6	3 8	1 61
Tunnel Hill Farm	3	56 1	89 8	42 6	3 8	1 61
David Greenleaf	B3	47 9	85 5	45 3	3 5	1 60
Bar Val Farm, Inc	3	119 6	88 9	44 7	3 6	1 59
James Mostoller	B3	49 9	84 5	45 3	3 5	1 58
Frank S Bocsy & Son	B3	41 3	87 2	41 9	3 7	1 57
Double Ott Dairy	3	33 0	78 1	38 8	4 0	1 56
James R Hemminger	B3	57 1	92 4	42 4	3 7	1 55
Loyetta Farms	G3	98 6	91 6	44 7	3 4	1 54
Shaffer & Walker	B3	32 2	85 9	46 8	3 3	1 54
Urbadale Farm	B3	36 8	85 0	42 1	3 6	1 53
Rocky Ridge Farm	B3	67 3	89 8	41 4	3 7	1 52
Charles E. Maust	B3	29 5	92 6	37 8	4 0	1 51
Kimder Farm	B3	57 5	83 6	40 1	3 8	1 51
Dale E Leydig	B3	43 6	90 0	41 9	3 6	1 50
Paul E Yoder	3	36 8	85 4	40 6	3 6	1 47
Arlen W Maust	B3	14 3	93 0	40 8	3 6	1 45
Marvin E Thomas	B3	44 6	94 3	38 2	3 8	1 44
Harold M Shaulis, Jr	B3	56 3	89 1	39 4	3 6	1 42
Harry Mosholder	B3	31 0	93 4	40 0	3 6	1 42
Hillmont	3	82 2	84 5	39 8	3 5	1 41
Vincent Hannery	3	124 5	85 3	36 4	3 9	1 41
Rosetree Acres Farm	3	40.9	86 4	40 9	3 4	1 40
Carl Walker	B3	58 7	95 6	38 5	3 6	1 40
Robert Hillegass	B3	34 8	92 9	36 0	3 9	1 40
Friendship Farms	B3	82 8	83 9	38 8	3 6	1 40
Snyder Brothers Farm	G3	67 5	84 9	37 2	3 7	1 39
Royal W Knepper, Jr	B3	59 2	88 1	37 1	3 7	1 39
Willard Maust	3	48 2	73 1	39 8	3 5	1 38
Hi Vue Farm	B3	43 7	84 1	37 8	3 7	1 38
Donald R Hixson	B3	36 1	82 8	38 5	3 6	1 37
Robert D Will	B3	63 2	89 2	35 5	3 8	1 36
Tice Platz	B8	58 2	87 8	35 0	3 8	1 33
Lewis E Maust	G3	20 0	86 5	37 2	3 6	1 33
Milford Valley Farm	B3	49 7	82 5	35 0	3 8	1 33
A J Walker Farm	B3	38 9	77 9	37 6	3 5	1 32
William R Yoder	B4	38 7	84 1	30-3	4 3	1 31
Ray R Carver	B3	52 6	76 3	36 9	3 5	1 30
Larry Lohr	B8	99 0	88 8	35 2	3 7	1 29
S Holsopple & Sons	B3	39 4	91 2	35 8	3 6	1 28
Paul J Pyle	B3	38 4	70 8	33 9	3 8	1 28
Little Piney Farm	B3	41 9	87 3	34 9	3 6	1 25
Emmert Weaver	G3	51 6	79 7	30 4	4 1	1 24
Somerset Farms	B3	46 9	84 9	34 3	3 6	1 24
I Rich, Inc	B3	136 9	77 0	32 7	3 8	1 23
Delbert & Ed Thomas	B3	89 5	82 1	36 5	3 4	1 23
Evan L Maust	B3	60 8	82 7	32 3	3 8	1 22
John P Slobozien	B3	21 8	84 4	31 9	3 8	1 20
Robert F Shockey, Jr	B3	53 3	82 3	33 8	3 5	1 17
Harold E Hay	B3	51 9	83 8	29 9	3 8	1 14
Rupple D Brant	B3	87 0	89 8	30 1	3 8	1 13
Annie Berzonski	B3	73 9	79 6	28 9	3 9	1 13

(Turn to Page B37)

UTILITY SHEDS





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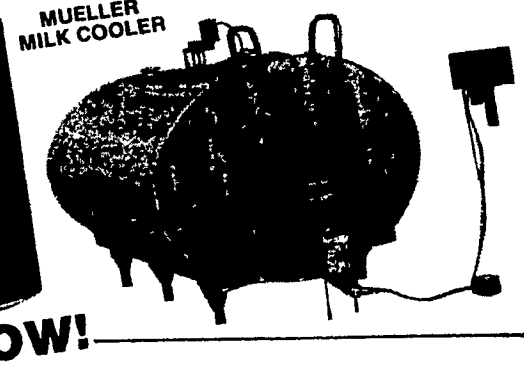
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Potter County DHIA Report

dhia Pennsylvania Dairy Herd Improvement Association

September 1981

OWNER	NO COWS	LBS MILK	% FAT	LBS FAT
Ivan Smoker	100 3	58 5	3 7	2 17
Dale Hoffman	51 9	55 2	3 4	1 90
Charles Cornell	48 0	48 7	3 8	1 86
Ivan Kibbe Jr	88 8	46 6	3 9	1 81
John C Traub	38 3	50 1	3 6	1 80
Snyder Farms	27 6	44 7	4 0	1 77
Paul Buck	26 0	48 7	3 6	1 76

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS MILK	% FAT	LBS FAT
William Currier						
Josie	H	4 10	305	26,706	3 4	918
Venus	H	4 9	305	23,292	3 3	759
Tiger	H	4-9	302	25,019	3 7	919
Jenny	H	4 9	295	21,955	4 0	871
Ivan Kibbe Jr						
Denise	H	11-11	305	21,178	3 7	782
Rhoda	H	8 9	305	22,333	3 5	778
Daffy	H	8 8	305	21,222	4 7	996
Pinta	H	7 4	305	23,913	4 3	1024
Cindy	H	7 1	305	18,797	4 1	776
Laverne	H	5 8	305	22,490	4 4	982
Amber	H	5 6	305	21,891	4 1	897
Naomi	H	5-2	305	21,967	4 4	965
Crystal	H	5 1	305	20,929	4 2	888
Carla	H	5 0	305	21,814	4 0	874
Ada	H	3 7	305	23,484	3 9	911
Topsy	H	4 0	305	20,078	4 1	817
Regina	H	3 1	305	19,542	4 2	819
Maynard Sherman						
Betz	H	3 11	305	21,805	3 7	810
Sambo	H	3 1	305	26,318	3 2	848
Ivan Smoker & Sons						
Christi	H	8 3	305	22,473	4 0	900
Bonita	H	6 0	305	22,497	4 2	954
Devine	H	3 3	305	19,133	3 9	754
Robert F Greene Jr						
Bella	H	3 1	305	23 160	3 3	763
Fred A Knowlton						
Elsie	H	4 0	305	25,229	3 1	777
Sally	H	4 0	302	25,705	3 5	895
Robert Francis						
Dolly	H	5 0	305	18,495	4 2	773
Kevin & Keith Musser						
Brenda	H	4 6	305	22,604	3 4	769
Charles M Cornell						
Mystery	H	6 5	305	17 899	4 2	753
William Butler						
Faith	H	5 10	305	20,117	3 8	757
George Young						
Pansy	H	8 0	305	24,582	3 1	774
Dale Hoffman						
Holly	H	4 4	305	21 932	3 5	760
James Cady						
No 33	H	5 3	305	18,338	4 1	758
Robert Fowler & Sons						
Beverly	H	5 11	305	21,118	3 8	798
John and Cindy Snyder						
Vivian	H	1 11	305	19 979	3 8	757
Clair Hamilton						
Ada	H	8 1	305	18,709	4 2	790
Titus Risser						
Sue	H	8 2	261	18 707	4 0	754

Somerset Co. DHIA

(Continued from Page B36)

Glade Triangle Farm	B3	520	819	298	38	113
Richard M Webreck	B3	592	842	318	35	110
Hays Park Farm	B3	718	758	299	36	107
Dr Edwin M Price	G3	170	887	294	36	106
Mt Davis Farm	B3	390	832	283	36	101
Bernard McKenzie	B3	450	828	267	37	099
Pax Terra Jim Paxton	3	230	476	197	40	078

Hunterdon Co. N.J. sets board meeting

FLEMINGTON, N.J. — The annual dinner meeting of the Hunterdon County Board of Agriculture is set for Saturday evening, November 21, at Quakertown Firehouse, reports Fred Clucas, dinner committee chairman. A roast beef dinner will be served at 7 p.m.

Speaker of the evening will be Richard Hixson, a professor in the Journalism Department at Rutgers and a Hunterdon resident. His nearly 22 years of teaching and research have been involved in the development of the press in the United States with special emphasis on New Jersey.

Hixson is author of several books and he most recently designed and edited the County Board of Agriculture's "As ye Sow: The Story of An American Rural Community," soon to be released.

His topic will be: "The Information Society."

Also on the evening agenda will be a brief annual meeting of the association.

Tickets are $8 each and are available in the Hunterdon County Extension Center. Checks should be made payable to the Hunterdon County Board of Agriculture and sent to the Board, care of Fred B. Clucas, RD6 Box 48, Flemington, New Jersey 08822.

Ticket sale deadline is November 13.

(This is not a misprint)

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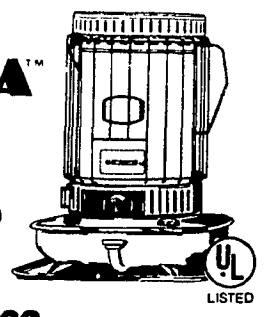

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Poultry health meeting sets new attendance record

GEORGETOWN — A new record attendance was made at the 16th National Meeting on Poultry Health and Condemnations held on October 20 and 21 at the Del-Mar-Va Convention Hall in Delmar, Md.

G. Thomas Holder, manager of Grow-Out Health for Perdue Farms, Inc., served as general chairman of the event. Holder said, "There were four hundred sixty-seven people registered for the meeting who came from 28 states plus the District of Columbia, Puerto Rico and five foreign countries."

This annual meeting is considered one of the outstanding poultry health meetings in the United States. Subjects covered by the thirty-seven program participants included the latest findings on poultry health topics as related to grow-out and processing situations The event is sponsored by Delmarva Poultry Industry, Inc, the local poultry trade association, in cooperation with the Universities of Maryland and Delaware.

Assistant U.S Secretary of Agriculture, C W McMillan, was one of the featured speakers. McMilland discussed changes that can be expected within the USDA, especially as they relate to the poultry industry He praised the industry for its successful growth and progress over the years.

Proceedings of the meeting will be released in December These will be sent to all registrants. Non-registrants may obtain copies at $6 per copy, postage paid to U.S. and Canada and $9 postage paid to other destinations They may be obtained by writing to: Delmarva Poultry Industry, Inc., R2, Box 47, Georgetown, DE 19947, with a check made payable to: "Delmarva Poultry Industry, Inc."

The incredible edible egg

MAILBOX MARKET

For Sale Cast iron butcher stove, like new lots of furniture, Victorian etc 215 933 1337 evenings

For Sale Angus bull, 16 mo old, can be registered Sire Ankonian Dynamo Reasonable Juniata Co 717 734 3695

For Sale Golden Retrievers, AKC, wormed, males and females Farm raised 215 932 5289 or 932 2151

For Sale Favorite Incubator, 1200 egg cap, like new $475 JD B with plows & cults $650 Susq Co 717 434 2083

For Sale Goats, bred does, Saanen, Nubian, Togg Kids, Alpine, Nub Stud service, all breeds Gloucester Co, NJ 609 694 1487

For Sale Oldsmobile, Toronado, 1969, 58,000 miles, excellent cond, New Castle Co, 302 994 2996, before 8 a m or after 7 p m

Need a few Amish children to rake leaves, clean barn at their pace & convenience, state price Chester Co 215 383 5280

For Sale Automatic poultry feeder, eggomatic grader gas hot air furnace, hammermill oil burner, 201 297 0581 Midd Co

For Sale Firewood, saw logs, cut to order Also person wanted for splitting 215 268 3396

Wanted Used Brady flail chopper, must be good shape, Franklin Co 717-264 6040

For Sale- Snow tires, E 78-14 traction poly mounted for Valiant, 3000 4000 mi $40/pair 717 626 6544 Lanc Co

Will trade 80 lb Bodmin milker pail Emanuel B Lapp, R1 Box 258 A New Holland, Pa 17557

For Sale White Monarch stove in very good cond, Leb Co 717 867 1317

For Sale Well grown breeding age Reg Plushanski Persuader son Dam is GP 83 with 21,693m Franklin Co 717 328 5487 or 328-3530

Free Hog manure for the hauling, 717 244 0427 York Co

For Sale Long 6' x50 transport grain auger in very good cond $600 Wicomico Co, MD 301 883 3722 - before 7 30 a m

Want to start Dairying? or have a start and wish to expand?? Call 301 658-5023

For Sale Int 46 baler w/chute always stored inside, very good condition, Fulton Co 717 294 3970 after 6

For Sale Home raised feeder steers, 4 Holstein heifers, large amount new lumber, locust posts alfalfa hay, 717 776 7724

MAILBOX MARKET

Started Reg English Coonhound Gr Nt Champ, Champ sired bluetick female, $225, 717 437 2431, Centre, Montour, Lycoming, Northumberland Counties

For Sale Arktield scales 250 lb feed hopper scale and a 500 lb hog scale, used once, Adams Co 717 528 4151

For Sale NH S67 baler, Gehl self unloading wagon, 6'3 pt rotary mower, JD transport disc, 717 345-4882

For Sale Aldens 8 hp rototiller $200, MW 10" radial arm saw, $200, 3 bottom 14" tripback plows, $200 717 899 7989 Mifflin

For Sale- 1966 Ford Falcon, 2 door, 289, V8 engine, current inspection sticker, $225 Berks Co 215 367 7125

For Sale Two new Magic Ray heaters 3400 to 8000 BTU $60 Also 12 5L 15 high flotation tire, Lanc Co 717 354 8238

For Sale- Cornell barn cleaner unit, good for feed bunkers also 3 hp motor, corner pulleys, elevator w/new liner Perry Co 717 582 8346

For Sale Guineas, ringneck pheasants & bobwhite quail, Harford Co 301 676 6391

For Sale 3x plow MF 14' model #82 Chester Co 215 384 2944

For Sale Minnich tobacco press and 30 ft Smoker elevator Amos J King, #1 Ronks, Pa 17572

For Sale AKC Siberian Husky, 11 months old female, has shots Case tractor cab 730 up air condition, heater, 717 532 9441

For Sale Shenandoah wood stove, like new $175, 717 354 8326

For Sale Walnut lumber, drying 2 years, 1, 1½ and 2 inches thick, 800 bd ft Dauphin Co 717 362 9218

For Sale Closed carriage with block brakes in good repair, Jacob S King, R1 Box 422, Seldomridge Rd, Gap, Pa 17527

For Sale Oliver 73 S, 2 row, pto pull type, picker sheller, working order $800 Wyoming Co 717 942 6220

For Sale- Pony Sailor Wagon, cutunder, exc cond, poleO Horse Concord Buggy, shafts, 301 692-5967 or 301 557 8466 Harford Co

Wanted Gooseneck stock trailer 14' prefer triple axle Carroll Co 301 239 3486 after 6

For Sale- Brady tank spreader very good $675 NH mower on wheels $795 NI ground driven spreader, 717 354 0266

For Sale 1 saddlebred horse, 2 years old, well broke Amos W Hoover, R1, New Holland, Along Reidenbach Rd

For Sale McD 10 disc grain drill Tractor type on steel $175 215 689 5611 after 5 p m Berks Co

Stud Service Registered Purebred Nubian, good lines, $25 boarding available, Berks Co 215 689 9895

For Sale- Ford boom truck $2800 Ford dump, flathead, parts, $185 Gar Wood Issacoon, Cletrac, needs motor $1250 215 445 6032 Lanc Co

For Sale Sawed locust posts and fence boards Plywood feed bins 717 442 8972

For Sale 7 yr old Saddlebred buggy mare, plenty of snap J P Beiler, Box 319, Kirkwood, Pa Noble Road

Semen For Sale Whirlhill Kingpin, 7 amps at stud Lanc Co 717 653 5352

For Sale Pheasants ringneck and ornamental A few Pa wild turkeys 717 349 7436 after 7 p m

MAILBOX MARKET

For Sale Pony harness $39 1 pair pony driving bridles $29, 2 pair heavy duty pony hames, Lebanon Pa 717 272 6819

Shall fill to be removed, Aaron S Fisher, 613 Georgetown Rd Ronks, Pa

For Sale Attention 4x4 owners, 4 brand new 14 36 5x16 5 deep lug snow tires, reasonable price, 215 926 3243 after 7 p m Berks

For Sale Reg Holstein bull, 2 yr old Christ L King, Box 157A, Peters Rd #1, Kinzer, Pa 17535

For Sale- JD No 47 loader with hydralic dump, $600 JD 12' fertilizer spreader $150 Lanc Co 215 445 4263

For Sale Farmall 706 diesel wide front, 3 pt, $5900 Wanted- 40 hay & corn elevator, 215 257 6787 Bucks Co

For Sale Autocrat wood stove with automatic thermostat used only two seasons, 717 865 5003

For Sale Grade Holstein heifer calves, York Co 717 637 8131

For Sale 1150 Case crawler loader, very good condition, $13,500 English saddle, very good cond, Leb Co 717 933 4062

Wanted- Small orchard or run down farm, R Marshalek, Box 632 R4, Montoursville, Pa 17754 or call collect 717 433 4440

For Sale Nubian goats milking does and 6 month kids available Good milking stock 4H projects Montg Co 215 699 3649

For Sale- BWF heifer bred for 5/3/82, $350 BWF cow with 3/4 Hereford heifer calf, $400 Eastern Frederick Co, Md 301 775 7791

For Sale Reg Arabian Mare - trick horse, Reg Morgan Mare a team Foals at side, bred back York Co 717 632 7472

Wanted Two tobacco bale boxes in good cond, Levi S Beiler, 83 S Belmont Rd, Paradise, Pa 17562 Lanc Co

For Sale- One diesel generator unit, $1500 Elam S Zook, Box 351 B, R3 Quarryville, Pa 17566 at Green Tree

Take orders for bolts, nuts, etc for extra in come I H Weaver, Rt 5 Box 177 B Shippensburg, Pa 17257

For Sale Kioritz Blower PB 9 good for chicken houses, etc $175 or best offer, like new, 717 949 3147

For Sale Three ABS sired Holstein heifers, 2 fresh and 1 springer 717 259-0636 after 4 p m Adams Co

For Sale 2 Angus Charolais cross heifers, bred back 3 months old Calves by side, 1000 lb steer, Susq Co 717 965 2404

Wanted Pickup box, Ford Fleetside, early 70's 8 ft Call after 5 p m 717 866-6625 Leb Co

For Sale Aged Reg Gray Percheron mare, sound & very active, Super well broke, 814 383 2601

Stud Service Purebred Alpine Lots of milk, strong conformation, Raymar and Kara Kahl lines, Northampton Co 215-253 8951

For Sale New Idea Model 270 cutditioner 7' cutting width good cond, Ideal in corn fodder, $1295 814 467-8839 Somerset Co

For Sale Six Holstein grade heifers due Jan thru March, out of Atlantic and ABS sires, York Co 717 755 9747

For Sale 3 mo old red and white, holstein bull calf 717 272 3189

For Sale Picture window size 104x50 wood with aluminum storm windows Montgomery Co 215 723 5163

MAILBOX MARKET

Wanted- JD Model FF grain drill, 17 double disk, Working condition or not, York Co 717-235-2685 evenings

For Sale JD tractor, model A, new paint, one new, rear tire, $525 Warren Co, NJ 201 496-4623

For Sale- 1973 Chev Vega GT, 4 speed, 4 cyl, perfect cond inside and out, excellent gas mileage Chester Co 215-932 4728

For Sale- Service age Poland China boars, $200 and up Juniata Co 717 527 4081

For Sale Bucket elevator 65' tall, 1500 bph, 3 phase motor, drive, good cond, $3000 301 662 1511

For Sale Oliver 88 Industrial Tractor & Loader with weights $1695 NI 12 A spreader $495 Both good, Lanc Co 717 548 2559

Wanted- Insecticide or herbicide boxes for older model corn planters 717-684 8431 Lanc Co

For Sale Hunting, rent cabin, Monroe Co near Delaware forest Bohm, 6 Waverly Rd, Cherry Hill, NJ 08003, 609 424 3784

Wanted 1964 Sport Furg Plymouth, 914-357-7735

For Sale- 2 row mounted International Corn picker on a Farmall M tractor in working cond, 201-496 4239, 496-4325

For Sale 55 gal of gum turpentine, $150 215 367 5563 Berks Co

For Sale JD Hammermill powered by a 2 cylinder Wisconsin engine with PTO clutch Lebanon Co 717 838 6270

For Sale- Quality registered Angus Very reasonable prices, cows with calves at side, bred heifers and bull calves Chester Co 215 857 3949 or 857-2168

Wanted- Rear & trans for Massey Harris 44 or 44 Spec For Sale 14' wagon with 1½ ' sides, York Co 717 225 4175

For Sale 1964 Mack BG1 with Stoltzfus Hydraulic wet lime spreader and vibrator, very good cond, $8500 215-869 9595 Chester Co

For Sale Reg Hampshire, Suffolk and Southdown Rams Preston Bankert, #3, Red Lion, Pa 17356 717 244 1244

For Sale Cookware, stainless steel, waterless, must sell, ½ of going price, slightly used 717-464 4662

Will buy & sell all types of horse drawn equipment 215 593 5754

Groffdale Lawn mower sharpening Along Rt 23 acorss from Short Rd ¼ mile west of Witmer's Coach Shop Henry K Fisher, 494 E Main St, Leola, Pa 17540

For Sale 6 Chihuahua Fox Terrier puppies, some brown and white or black Stephen S Stoltztus, Christiana RD1 Pa

For Sale Wheat straw by the bale or ton Newark Farms, call evenings 301-692 5905 Harford Co, MD

For Sale 12' adjustable corn elevator with ½ hp 110 volt motor, on rubber tires, $1500 or best offer 215 767 9492

For Sale 2 Ford corn pickers $400 300 gallon milk tank $375 Pleasing Valley Farm 588 0503 Northampton Co

For Sale 2 hole corn sheller with motor $35 Maytag wringer washer $40 Goulds deep well pump, 717 896 8260 Dauphin Co

For Sale Reg Holstein bull Shardale Arlinda Chief Jemini, 15 months old; Bucks Co 215 257 7844

For Sale Reg Ram bouillet (twin) ram lamb reserve champion ram, Keystone International Merry Peep O Day Farm, Frederick Co MD 301 834 9711

MAILBOX MARKET

For Sale Used 650 gallon ice bowls Dari Kool One heat exchanger for making free hot water 201-782-5950.

Wanted- Continental G 206 gas engine, like the MF 175 or 180 had in Prefer running condition, 717 626 8191 Lanc Co

For Sale 1963 Mack dump truck, 6 cyl, 5 speed, 2 speed rear 16' bed w/wo sides, Lanc Co 717-529-2717

Wanted- MF Model 50 or 65 gas or diesel, Cumberland Co 609 825 5051

For Sale- Big Black mule, smooth mouth, lots of snap Isaac K Esh, 2701 Stumptown Rd, RD1, Bird in Hand, PA 17505

For Sale Yorkshire feeder pigs, large white ducks, Juniata Co 717 444 3996

For Sale Five purebred Hampshire boars, raised together, ready to breed Leb Co 717 867-2890

For Sale 60 14 hole metal poultry nests, make an offer, York Co 717 292 2942

For Sale Eski poodle pups along Valley Road, 1 mile east of Greentree Jonas F Stoltzfoos, Quarryville #3 Pa 17566

For Sale 1936 JD model B excellent cond $725 Warren Co NJ 201-689 1816

For Sale- Heifers - two Round Oak Electron daughters, one Minnichaug Glenafton Hercules daughter Take one or all 717-789 3170

For Sale Reg Airdale pups, 717 865 3462 Leb Co

For Sale Coal furnace & various sizes of cast iron radiators, exc cond 717 733 8193

For Sale- 12 ga model 395T Mossberg bolt action clip, shoots 2¾" or 3 shells Northumberland Co 717 758 8085 after 4 p m

16 Girton stanchions, free for removing Centre Co 814 237-1105

For Sale 16 Suffolk lambs, $50 ea Berks Co 215 582-3066

For Sale NH 985 combine, $11,000 After 6, 215 679-7786

Wanted- Planet Jr 4 row veg sower, AC 4 row veg cultivator Orange Co, NY 914 258 4736 Call Collect

Wanted Christian retired person or couple to rent mobile home in Dauphin Co Includes truck patch Cheap rent 717 362-9842

Wanted Auto shop manuals or owner manuals, Model A Ford parts Don Fehr, 407 Chestnut Ave, Northfield, NJ 08225 609 641-5910

For Sale 392 IH V8 with 5 spd trans, complete engine asking $500 Leb Co 717 469 2950 after 7 p m

For Sale Two bred Charolais heifers due soon, also six bred cows Daniel K Stoltztus, Newburg R1, 17240

For Sale 14 purebred Polled Hereford heifers, can be registered Columbia Co 717 437 2656

For Sale Bred yearling and 2 yr Shropshire ewes, bred to reg Suffolk ram Chester Co 215 869 2808 after 6 p m

For Sale- Small saddle with brass stirrups and Martingale bridle 717 866 2432 after 5 p m Leb Co

For Sale Chrome rear bumper for 73 78 Ford pickup, Ford AM FM 1978 radio, 300 gal gas tank, Mifflin Co 717 899 6259

For Sale 100 Dorset & Dorset western cross ewes 4 Reg Dorset rams, records on all ewes, 717 278 2947 Susq Co

For Sale 14 Pioneer chain saw $60 Solid brass fire screen 28'x36½, chain curtain glass doors, andirons, Carroll Co 301 775 2344

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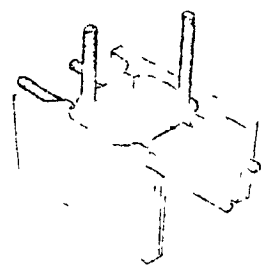

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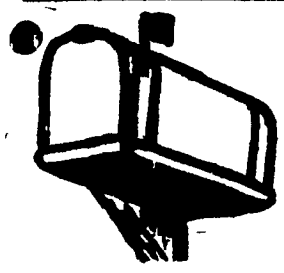

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MAILBOX MARKET

For Sale- AKC Dalmation pups and dogs, Sicilian donkeys (jack and two jennys), Beagle pups and dogs, Queen Anne's Co 301-778-1919.

For Sale- Heavy duty 10' snow plow, Spicer trans. Model 6453A, 24 volt starter for 220 Cummins. 717-437-2778 Montour Co

For Sale- 430 JD crawler with blade $1800, T Ford and A Ford parts, Fulton Co 717-987-3516

Wanted- Ontario disc, grain drill on steel, must be in good cond., R2 Box 4250 Grantville, Pa 17028 Dauphin Co

Wanted- Responsible, mature professional group would like to lease several hundred acres of woodland for deer season. Call collect 717-249-5005

For Sale- Bedford Co restricted home sites, 1½ acres up, exc. view, $6000 per ac Firm, along US 30 814-652-2319

Wanted- Auto feed cart for hand-fed chickenhouse York Co 717-225-4002

For Sale- JD 14T baler w/#5 corn fodder att, good cond Lanc Co 717 665-3109

For Sale- 1978 Chevy pickup, auto, ps, pb, 4x4 w/Meyers snow plow $4350 609 267-6071 Burlington Co

For Sale- JD #15 flail chopper, exc cond, $500, also NI single beater manure spreader, good shape, $600 215-944-9307

For Sale- Ornamental Pheasants, Pea Fowl, Dove, Fantail pigeons & Silkie bantams, Harford Co, MD 301 457-5394

For Sale- IH 15' Culti Mulcher, feed bin w/2 Northco magnetic feeders attached. 18 4x38 tires & rims for duals 717-866 4280

Guaranteed Registered Belgian Stud Service Must see to appreciate Nice colt at side John L Stoltzfus, Box 125B Cochranville, Pa 19330

For Sale- New Idea Super Sheller fits 2 or 3 row pull type picker, $1600 Cumberland Co 717-776 6590

For Sale Cont eng block 2134 w/crank, fits MF 35, 40, 50, 135, Call 201-475 5901 after 7 p m Warren NJ

For Sale- 3 Suffolk ewes and 1 Suffolk ram, $225, 215 257 3961 Bucks Co

MAILBOX MARKET

For Sale- Male black bear, female mute swan 5 yr old, male Rhea bird 4 yr old Lanc Co 717 285-5806

For Sale- AKC Rottweiler female, champion bloodlines, 1½ yr old, $200. Lanc Co 717 768-3075

For Sale- 1977 International 1850, 466 diesel truck, Eby Aluminum Body, 7' high inside, 25' long 717-786-7229

Registered Yorkshire Boars, bred gilts and open gilts, will deliver Red Run Farm, R2, East Berlin, Pa. 17316, York Co 717-292-4634.

For Sale- Rope halters for cattle, made to order, 717-898-7020 Lanc. Co., Pa

Wanted- New or used storm front market wagon, and/or spring wagon, state price and condition, all replies answered, T. Holliday, Rt 4, Box 244, Waynesboro, TN 38485.

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay. Call before 7 a.m or after 7 p.m. 201-735-8389 or 201-735-4408, days 201-735-8865.

For Sale- 1600 gal fuel oil tank truck body 215-345-1909 after 7, Bucks Co

For Sale- All size silo roofs at reduced cost, 717-687-6672 or 768-3095 Lanc Co.

Wanted to Rent- Farmland in Berks, Lehigh or surrounding area Top prices paid, 215-756-6269.

For Sale- Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glenn Farms, Rd 2, Strasburg, Pa. 717-786-2562.

Fine Selection of pleasure Tennessee walking horses, $800-$1800, quality yearling and weanling colts. At Stud. Senator's Thunder, black and beautiful, 215-267-7311.

Guaranteed Stud service- $50, fancy registered Belgian, must see to appreciate, John L. Stoltzfus, Box 125B Cochranville, PA 19330

Wanted- Christmas trees for Christmas 1981 Will buy cut or in ground, 215-968-4440

Fox Terrier stud service. 717-354-7186

For Sale- Peafowl, 6 cocks, 1978 hatch $50 each, also 1979 chicks, $10 and up, Westminster, MD 301-876-1235

For Sale- Reg Angus bulls and heifers, Orange Gate Angus Farm, Maurertown, VA 22644, 703-459-3414

Wanted- 200 300 gal holding tank, meat grinder, 30 gal SS barrels, castors, SS 6 ft table, ratchet press, SS sink, 215-862-9148 10 5

Used Bee Equipment, Inverbrook Apiaries, R D #2 Box 230, West Grove, Pa 19390, 215-869-3353

For Sale 1 Bowman manure spreader Elam K King, RD2 Box 402, Ronks, Pa 17572

Wanted- 36 Ford station wagon, must be in good condition, Montg Co 215-933-2469

MINI LOP RABBITS with papers $25 00 Very Loveable pets NZW Rabbits with papers, $10 00 Cecil Co, Md 301-885-2134

For Sale Outside calf hutches, $75 each, David B Stoltzfus, Rd 2, Box 282B, Nottingham, PA, take Brown Rd at Little Britian, second road right

For Sale- Purebred Duroc boars, open and bred gilts, all age breeding stock, certified herd #82 Ph 717-733-2310 W F Ruoss, 126 Irene Ave, Ephrata, PA 17522

For Sale- Spring wagons & buggies & horse related items 301 398 5696 after 7 30 P M

MAILBOX MARKET

For Sale- Int 227 2 row corn head Picks 40" rows, excellent cond, Sussex Co, NJ 201-383-1072

For Sale 1972 MF 1180 diesel, wide front, dual hyds, 3220 original hours, A1 condition, will deliver, $5500 717-532-8601

For Sale- Favorite rabbit equipment, water lines & feeders, nest boxes, Aaron K Fisher, 141 A Queen Rd, Gordonville, Pa 17529

For Sale- Gore livestock trailer 7½' x 20' gooseneck, good condition with new tires, $3200 Wicomico Co, MD 301-835-8587

For Sale- 100 guineas, 4 mo old, 4 mi Southeast of Strasburg on Belmont Rd, Lanc Co

For Sale- 8N Ford tractor, 74 Ford 12' dump F350, 72 Int 1800 10' dump, 78 Ford F-350 stake, 717-692-4444 Dauphin Co

For Sale- 1 5/8" tubing cattle gates, 8' $38. 14' $49 Hinge & tax includ Carl Martin, Lanc Co. 717-354-8529

For Sale- Mammoth Black Jack with white points, Ammon S Fisher, Quarryville R#3 Box 28, 17566, Lanc. Co, Pa

For Sale- Purebred Norweigen Elkhound puppies, 6 weeks old, Lanc. Co 717-665-7434

For Sale- JD #237 multi-lube corn picker $500 1966 Olds 98 for parts, good front fenders 717-949-3723 Leb Co

For Sale- 50 Sex Sal yearling hens $1 pr and 4- 3 way cross boars, service age, 717-656-9764

For Sale- Floor model drill press, 3 heated warm water Richie hog waters, 717-656-8914.

For Sale- Toy Fox Terrier pups, 6 weeks old, Enos King, 2065 Horse Shoe Rd, Lanc Pa. 17601

For Sale- Home grown potatoes, good quality. Cobblers, Kennebec and Katahdin available, 50 lb. bag $3 75 Dealers welcome, Lanc Co 717-354-8894

For Sale- AKC Cocker Spaniel pups, ready to go, males $65, females $80 Lanc Co. 215 445 4083

For Sale- Pony harness, single & double, 717-225-1045

For Sale- 26 ft City Tand Dump trailer, ex cond, $8750 firm 717-582-2483 New Bloomfield

Wanted- Tobacco press For Sale- Roll away nests David D Fisher, 261 Centerville Rd, Gordonville, Pa 17529.

For Sale- Agstar 16 crate self-contained sow castle with eight nursery pens, Phone after 6 p m Lanc Co 717-653 5775

For Sale Farmall M good shape & good tires $1250 Also oak bed, 717-789 4260 after 5 p m Perry Co

For Sale- Farmall SM $1395, F-12 on steel mower $525, F-14 hydraulic, 2 way mtd & plows $675 Reg $350 717 428 1036 York Co

For Sale- Big Saddlebred carriage horse, 6 yr old Omar K Beiler, 257 S Groffdale Rd, Leola, Pa 17540

For Sale- Driving pony, complete with harness & cart, gentle John Z Burkholder, 193 Forest Hill Rd, Leola, Pa 17540

Wanted 9 good grade dairy cows, no dealers please, Leb Co 717 865 5340

For Sale DC Case 3 ph, live PTO live hyd, very good shape, $1700 8' pickup tool box Perry Co 717 567 9558

For Sale 1020 JD gas tractor with Sauder front end loader, $4000 Good cond 717 535-5513 Juniata Co

Wanted- 2 seat or back to back seat buggy, Franklin Co evenings, 717 263 0141

MAILBOX MARKET

For Sale- Stoltzfus spreader for chicken manure and/or grain on 1958 IH truck, will sell separate, Chaparral snowmobile Berks Co 215 562-4133

For Sale- Arps 3 pt hookup snow blower, JD 12' cultipacker and a Wic battery operated bedding chopper Berks Co 215-286-5393

For Sale- Girton D2 600 milk tank, late model 6 hp compressor, real nice Franklin Co 717-264-6007

For Sale- 30' grain bin with or without drying, Northumberland Co. 717-473-9417

For Sale- 1979 Dodge Ram Charger, 4 wheel drive, 1 owner, 38,000 mi AM-FM cass, P.S, P.B. Tioga Co. 814-435-6722.

For Sale- Dumping station with 100' 7/8" hose and bender releaser. JD 24T baler with #2 ejector. Berks Co 215-589-5583

For Sale- Ford Van Seats, need upholstered. Call between 9 and 3. 717-626-5466 Lanc Co

Wanted- A Collie puppy, mist be full blooded, Henry A. Byler, R5, Box 132, Dover, Del 19901

For Sale- 250 & 220 Cummins diesel engines, complete 4-8 25 x 16 5 new tubeless mud & snow pickup truck tires Chester Co 215-933-7379

For Sale- Purebred Shropshire aged ewes, yearling rams and ewe lambs Reasonable prices, 717-949-3653 Leb Co

For Sale- 8 yr. old Standard bred gelding, Chestnut sorrel Lanc. Co Gideon L Riehl, Box 170, Kinzer #1 at Springville.

For Sale- IH #203 & JD #45 combine parts, Snapper rollers for NI Corn picker, like new Bucks Co 215-794-8431

For Sale- Myers 7' wide 2' high snow plow, like new AC WD45 w/Horn 50 manure loader, Berks Co. 215-367-7256

For Sale- Oliver Super 55 tractor, $1600. 1913 Model T Ford partially restored, w/brand new hack body, 717-656-6644 Lanc. Co

For Sale- Wisconsin engine, model VE 4D with electric start and clutch $200 or best offer, call evenings 201-359 5934 Somerset Co, NJ

For Sale- Zero 600 milk tank, recent year, excellent cond, 5 hp Copeland compressor automatic washer, 717-264-5696 Franklin Co

For Sale- 20 bred gilts, three way cross, York Hamp -Chester , White due beginning of Dec on until new year, 215-286-9096 Lanc Co

For Sale- 2 Simmental x steers possible club calf projects 2 Simmental x heifer calves Berks 215-488 1204

For Sale- Farmall Cub, plow, cultivator, Call evenings 717-225-4514

For Sale Reg Saddlebred stud, 4 yr old, green broke, the one I was using Isaac S Zook, South of Intercourse

For Sale 300 Hemlock fence boards, 5/4 x 6" 16' long rough, dry David Z Esh, 3427, West Pequea Lane, Gordonville, Pa 17529

Will board heifers this winter total mix feed, Lanc Co 717 665 7284

For Sale 2" walnut, 2" poplar, 1½" cherry All kiln dried, ready to use up to 18" wide 717 569-2262, Lanc Co

For Sale- New Zealand breeding pair, 1 year old, buck is pedigreed, Millersville Area 717-872 2327 or 717 872-6320

For Sale- Mushroom Soil 200 bu to 800 bu from $40 to $80 Save fertilizer dollars use poultry manure Delivered in trailer lots 717 859 3348 after 5 p m

MAILBOX MARKET

For Rent- Farm house, lots of extras, non smoking, non drinking Christian family, 717 285-5532

For Sale JD 350 crawler w/loader, 4 in 1 bucket, Majestic kitchen range, TD9 IH w/balde, Caterpillar 10 w/blade, 717-626-5678 Lanc Co

For Sale- 7 Holstein bull calves, weaned, 717 656-6397

Wanted- buying shelled corn from field will pickup, or will dry and store your corn, Leb Co 717-866-2091

For Sale- McCormick Deering 10-20 tractor, good cond., $700 215-968-4808 after 7 p m

For Sale- Purebred, registered ADGA Nubian buck, bred American does, doe kids Booking orders for purebred Nubian kids, Adams Co. Littlestown, 717-359-5165

Wanted- 4 wheel drive pickup truck, year 76-78 Richard Herring, 879 Oak Tree Rd, Kennett Square, Pa 19348

For Sale- 2 work horses, one 5 year old sorrel horse, $1000 Alvin Jay Glick, 3568 Scenic Rd, Gordonville, Pa 17529

Wanted- Ontario 14 hoe drill in good cond Billy Renoll, R2 Box 358, Glen Rock, Pa 17327

Wanted- Rubber tire farm wagon gear with brakes, Jacob B. Zook, 4021A Old Phila. Pike, Gordonville, Pa. 17529 Lanc Co

For Sale- 75 used horse collars, rebuilt, all kinds, Christ E Fisher, Box 162, Paradise, R1 Pa

For Sale- 2 reel mower grinders, $150 and $600 Lanc Co. 717-872-7081

For Sale- Late model JD 400 garden tractor with mower, exc cond, 717-354-0449 Lanc Co

For Sale- Used carriage (storm front), $600 Henry Riehl Coach Shop, Bird-in-Hand, Lanc Co

For Sale- AKC Labrador Retriever Black male puppy, $60, 717-757-3306.

For Sale- McCormick one row pull corn picker husker, working cond., 727 husking bed for unisystem, good cond, 717-425-2299 North'd Co

For Sale- Dumping station with bender receiving jar and hose dryer and also an old horse fur blanket, 717-354-8370 Lanc Co

Notice- I would be interested in somebody to contract pigs into my barn E town, Lanc Co 717-665-3585

For Sale- Border Collie pups, reg, make excellent farm dogs, great X mas idea, Columbia Co 717-925 6576

For Sale Sawdust and slab wood, 717 425-3697 Schuylkill Co

For Sale IH Cub Cadet 126 w/44" mower, $750, IH Grain Drill, 13 disc, w/mechanical lift, $500 Cumb Co 717-423 6188

For Sale- Micro Midget, open class, 250cc Ducati engine, Lanc Co 717-626 4617

For Sale- Dozer blade and frame, 3 pt hitch, fits Ford 8N or 9N $250 Call before 2 p m, 215-582-5609 Berks Co

Wanted- Collie for farm dog, preferred tri-color male, between 6 months and 4 years, Berks Co 215-488 7212

Wanted Auger feeder, preferably board sides, 60 ft more or less with motor, reasonably priced, Franklin Co 717-597 7743

For Sale- Reg belted Galloway Bull, 1 yr old, $600 215 827 9298 Chester Co

For Sale Rams, pure horned Dorset, 4 yr w/papers, $100 without $75 Otsego Co, NY Best to call 6 p m 607-859-2963

MAILBOX MARKET

For Sale Free standing sawbuck $75, saw mandrel, $25, Farmall H tractor for parts, $200, Berks Co 215-856-7218

For Sale- 18 mos old reg Holstein bull by Jo-Dan B E Ivan, J Elmer Lapp, R6, Box 252, Coatesville, Pa 19320

For Sale- 6" roller mill, 110 gal kerosene tank, w/pump 50,000 BTU Reddy heater, 16" Remington chain saw, Berks Co 215 683 5269

For Sale 30x70 2 story barn to be removed, make an offer, 717-367-1438 or 653-2780 ask for Jim Lutz

For Sale- Four year old sorrel mare, 16 hands, lots of snap Martin Reiss, R1 Narvon, Pa 17555, Bowmansville

For Sale- 28 acre hog & steer farm, 25 tillable Prefer to sell to young Mennonite couple, no speculators' 215 445-5898

For Sale- Farmall Super M clean & very sharp, 3 pt. spinner type fertilizer spreader, any evening, 717-544-4178 Sch. Co

For Sale- Hunters Special, 64 Jeep Wagoneer, 4x4 inspected, new brakes, 4 good snow tires, $750 717-738-2125

For Sale- 1961 Int. dump truck with 2 speed rear inspected $800 or best offer, Lehigh Co 215-282-1640

For Sale- 3 yr old carriage horse, broke and sound Elam Esch, Jr, 2210 Creek Hill Rd., Lancaster, Pa 17601

MAILBOX MARKET

For Sale- Rollaway nests, 717-272 6342 Leb Co

For Sale- Female goat, grade nubian, 2 years old, $35 Schuylkill Co 717-682-9930

For Sale- Reg Holstein 4-H project heifer, bred to Rocky Apollo Honor, $1500, Leb Co 717 865-4675

For Sale- AC 185 diesel tractor, wide front, cab, good cond, low hrs, 717-922 4274 Union Co

For Sale- JD 24T Baler with JD 2 ejector, excellent, 717-761-0651 after 8 p m

For Sale- 10 ft. Miller Special heavy duty disc, with leveling cylinder and new blades, $6150 Franklin Co 717-264-5766

For Sale- Cattle rack for 8' pickup bed, $150 3 steel feeders tank hold about 8 ton, buyer must remove $300 each 609-629-6596

For Sale- 1970 Ford C750 with 14 ft refrigerated body, 215-723 9610, $2500 Mont Co

For Sale Three pairs ice skates, 20" bicycle $15, pogo stick, scooter sprayer 15KW 220V heater, Lanc Co 717-665-2656

For Sale- 8N Ford Tractor, recent engine, overhaul, new rubber, good paint, $2100 Also Howard Rotovator, 215 257-8491 Bucks Co

For Sale- Service age bull born Nov 26, 1980 Jonathan B Lantz, 353 A Musser Sch Rd., Gordonville, Pa 17529.

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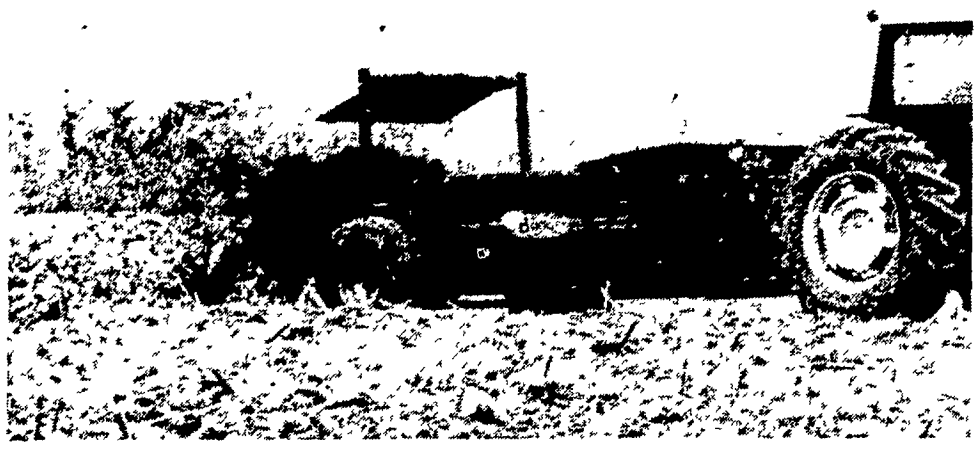
New!

Badger Northland Manure Spreaders

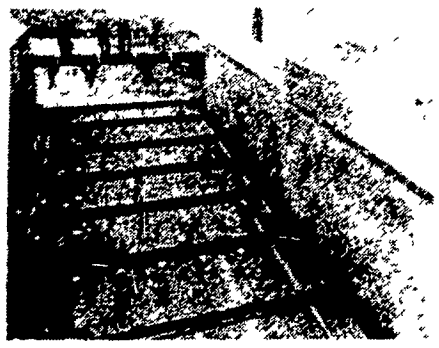
Models 3210 (143 Cu. Ft.) and 3260 (166 Cu. Ft.)

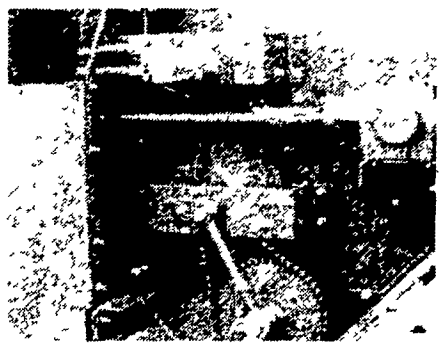
SPECIAL IN SEASON WAIVER TILL MARCH 1, 1982
PURCHASED BY NOVEMBER 30th

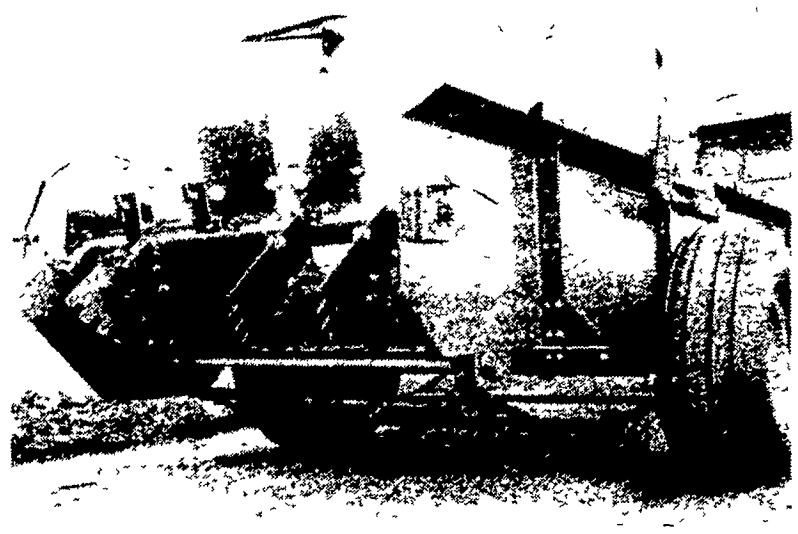
Key features such as wood sides and floors and hydraulic apron drive put this spreader design far ahead of the competition.

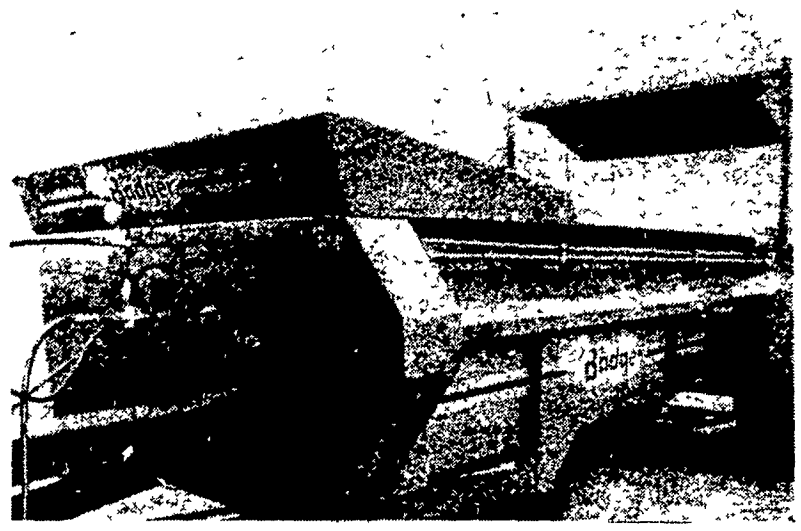


These units feature the Badger reputation for very high quality at a competitive price.









Features

Wood Sides — of treated exterior grade plywood, provides long life

Wood Floor — is made of treated one inch standard grade shiplap planks

Additional Floor Supports — are provided for extra protection against floor damage from dumping heavy loads

Hydraulic Apron Drive — offers smooth even unloading in 5 speeds from 2 to 20 feet per minute

Simple Trouble Free Drives — feature belt and pulley primary to a single bevel gear beater drive Tractor hydraulics power the hydraulic motor to a chain and sprocket direct drive on the apron — simple, economical and easy to maintain

540 Or 1000 RPM PTO — 540 is standard — 1000 RPM option available

Unitized Welded Frame — carries the entire load from hitch to beater No reliance on the floor or sides for frame support, like steel sided spreaders handle soupy manure cleanly

Added Front Flares Replaceable Spindles — of 2¼ inch diameter alloy steel, can be field removed for easy replacement

Replaceable Beater Combs — are made of heavy plate steel and designed to bust up chunks and wads

Two Great Aprons — are offered as options in a 667X pintle chain or the T-Bar type

Badger

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Lancaster, PA 17601
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(814) 849-3361

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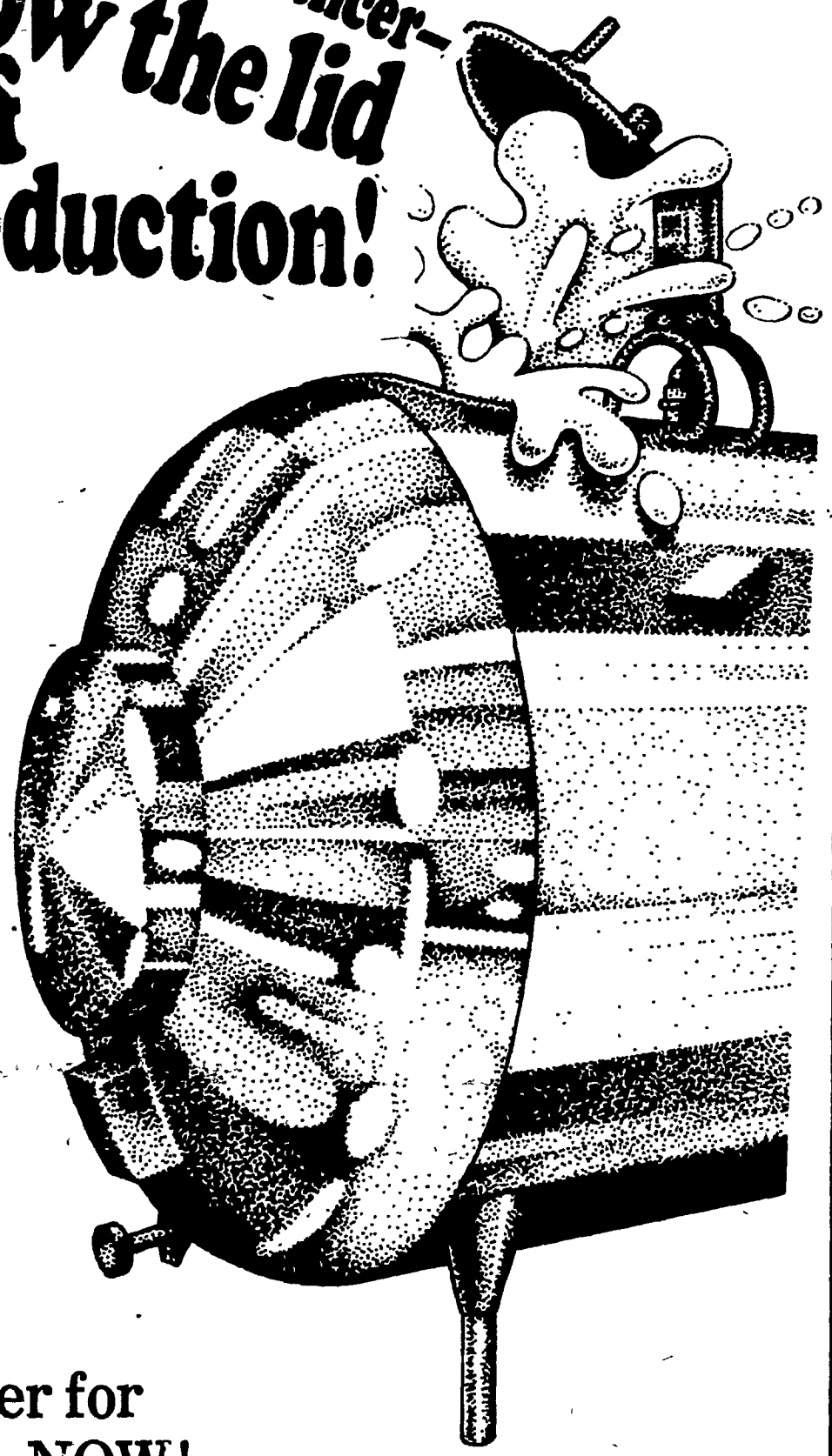
New Wayne Dari-Forage Balancer—

Blow the lid off production!



Wayne Dari-Forage Balancer gives you 18, 20 and 24% protein levels to balance your corn silage for top milk production.

Used with Maxine™, Wayne's Dairy Computer, it balances protein, energy, fiber and minerals with the available nutrients in roughage. Its high level of digestable fiber helps maintain fat tests and proper rumen functioning.

So, see your Wayne Feeds dealer for Wayne Dari-Forage Balancer...NOW!

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WAYNE ANIMAL HEALTH AIDS

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RD 2, Lancaster, PA 717-872-4613

Farm Business News

Yoder reports 149.8 bu. corn

ELVERSON — A corn yield of 149.8 bushels per acre has earned a Yieldmasters Club membership for Jefferson Yoder of Elverson. The Yieldmasters Club yearly selects for membership 1,500 of the nation's outstanding corn and grain sorghum producers.

Yoder planted DeKalb XL-61 on April 29, putting in 22,000 seeds per acre in a field where corn grew in 1980.

The Chester County farmer fertilized with 145.5 pounds per acre of actual nitrogen, 93 pounds of phosphate and 99 pounds of potash.

He used 1½ quarts of AAtrex and 2 quarts of Lasso to control weeds and 15 pounds of Furadan to keep the insects under control.

Yoder harvested the 1.69-acre yield check on October 19. The grain moisture tested at 20.0 percent.

"XL-61 had excellent standability, good ear size and shelled easily. It dries down very early for a medium-late corn hybrid," Yoder said.

The Yieldmasters Club is sponsored by DeKalb AgResearch, Inc. as a means for farmers to gain greater grain production expertise. To qualify for membership, farmers must mechanically harvest at least one acre in the presence of an impartial witness. No gleaning is allowed and all yields are adjusted to No. 2 corn at 15.5 percent moisture.

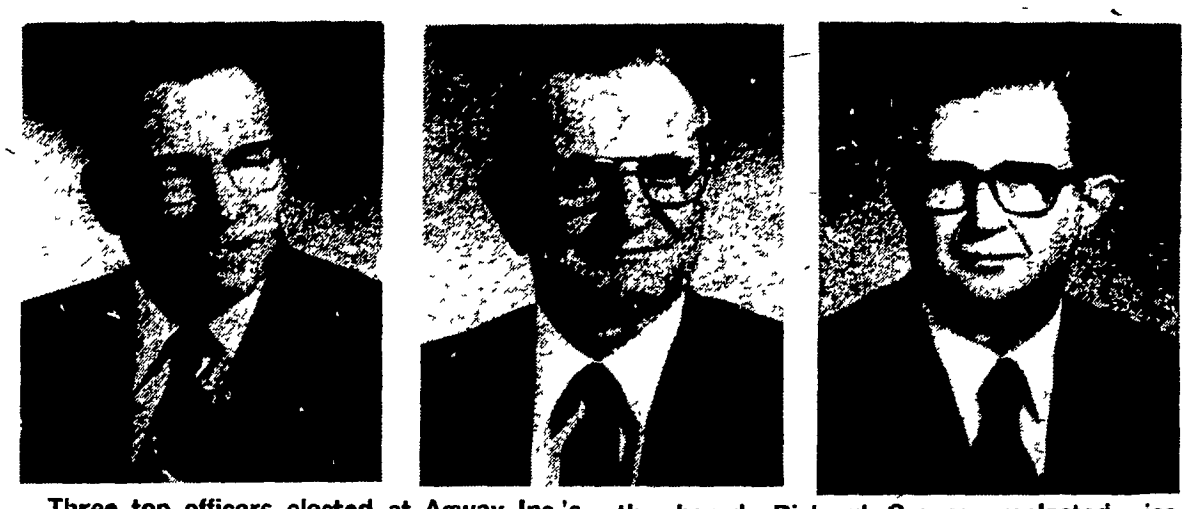
York Farm Credit to meet

YORK — Stockholders of the Federal Land Bank and Production Credit Associations of York will conduct their annual meeting with registration at 6:15 p.m. on Tuesday at the Sheraton Inn, Gettysburg, U.S. Business Route 15 South, and Thursday at the Embers Restaurant, Route 11, north of Carlisle.

Scheduled is the election of four directors and the 1982 nominating committee, in addition to reports of association operations during the past year.

The farmer-owned institutions make and serve farm and rural home loans in the counties of Adams, Cumberland, Franklin, Fulton, Perry, and York. These members are using their own institutions to obtain the long-term and operating credit required for modern day farm operations. The associations currently have over 2,300 loans outstanding in excess of $123,000,000.

All stockholders are urged to attend one of these meetings.



Three top officers elected at Agway Inc.'s 17th annual meeting last week include, from the left, George Steele, reelected chairman of the board; Richard Croner, reelected vice chairman; and William A. Hiller, elected president and chief executive officer.

Agway sales up; but earnings down

SYRACUSE, N.Y. — Agway Inc. and its wholly owned subsidiaries established an all-time record volume during 1980-81, William A. Hiller, president and general manager, told some 5,000 farmers and guests attending the cooperative's 17th annual meeting, October 29-30, in Syracuse, N.Y.

Volume for Agway's consolidated businesses exceeded $3.8 billion, up 48%, or $1.1 billion from the previous year. This includes the volume of Agway's three largest subsidiaries, Texas City Refining, Inc., Curtice-Burns, Inc., and H.P. Hood Inc.

Volume for Agway's internal operations amounted to $2.1 billion, up from $1.8 billion the previous year.

It was a banner year for feed, seed, fertilizer, farm chemicals, and country foods divisions. Agway Petroleum Corporation, however, experienced a decline in unit volume, but it was less than that experienced by the petroleum industry in general.

Hiller pointed out that much of the $276 million volume increase over the previous year for Agway's internal operations was due to inflation, and that the acquisition of H.P. Hood Company was responsible for a substantial part of the consolidated sales increase.

After-tax earning of Agway's consolidated businesses and wholly owned subsidiaries was $20.6 million, $13 million less than last year. Agway internal earnings were $12.6 million after tax, or down $5.8 million from last year.

"Although respectable in light of the adverse business climate," Hiller stated, "these earnings were below expectations. This situation was caused in part by reduced earnings on petroleum sales and significantly higher expenses, including escalating interest rates."

"One external expense alone, net interest expense for Agway consolidated, increased nearly $19 million over that of last year," Hiller continued.

"In Agway and its wholly owned subsidiaries, interest expense increased just over $11 million," Hiller said.

Dividend and interest payments to holders of Agway securities reached a record $18.3 million in 1980-81.

Hiller reported on the acquisition of H.P. Hood Inc., by Agway and the arrangement which calls for Hood to share its earnings on an equitable basis with Agri-Mark, Inc., a new cooperative formed by dairy farmers in New England and eastern New York state.

He reported that the restructured Hood company had sales of $687 million for the fiscal year ending June 30. Hood's income before taxes and before distributions to Agri-Mark, after allowing for a one-time costs involved in developing the Agri-Mark/Hood system, totaled $11.5 million and was higher than Hood's previous year on a comparable basis.

"Uopn assuming the position of general manager on July 1," Hiller explained, "I initiated a number of refinements in Agway's management organizational structure. Chief among these has been the formation of three basic operating groups: distribution, energy, and food, representing Agway's three largest business segments."

The Agway president said that each of these groups is responsible, directly or through liaison, for over $1 billion in sales annually.

Hiller said, "I believe there are four factors essential to the successful achievement of Agway's plans and goals in the 1980s. I call these our four keystones. They are: competitive leadership, cost containment, financial strength, and total commitment."

"I want to emphasize that competitive leadership is based on technological superiority," Hiller stated. "Agway will continue to be a leader and pace-setter in serving the varied and complex needs of northeastern agriculture with farm production supplies, marketing, and other services that are in the forefront in terms of agricultural technology.

"Agway management is committed to this leadership position," he said.

Hiller stressed the need for dedicated young farm families to become more involved in their cooperatives especially at the local level.

During the two-day meeting in the Onondaga County War Memorial, Agway stockholders attended business sessions, and participated in seminars on various aspects of farm management. Among the topics of special interest was Agway's current research and development activities in exploring profitable uses for biogas generated on the modern dairy farm. Thousands viewed the Farm Show, one of the largest indoor events of its kind in the Northeast.

Agway Inc. is a farm supply and food marketing cooperative owned by 119,000 farmer-members in 12 northeastern states. It makes its headquarters in Syracuse.

Hiller cites farm fuel policy need

SYRACUSE, N.Y. — William A. Hiller, president and chief executive officer of Agway Inc., today called for the establishment of a new national policy to insure that farmers have access to fuel in case of international emergencies.

Speaking at the 17th annual meeting of Agway, Hiller asked the nearly 5,000 farmer-members and guests attending to seek passage of the Petroleum Disruption Management Act of 1981, supported by the National Council of Farmer Cooperatives.

Hiller, who became president and chief executive officer of Agway Inc. on July 1, spoke at the two-day meeting, October 29 and 30, in the Onondaga County War Memorial.

"Only two years ago during the Iranian Revolution, supplies of diesel fuel for agricultural purposes ran dangerously low," Hiller stated. "Refiners serving rural people were forced to operate at a fraction of capacity because of a lack of crude oil. Unequal distribution and pricing of crude oil supplies put smaller cooperative refineries at a serious disadvantage and placed an undue financial burden on farmers."

"There is a real danger that the United States is being lulled into a false sense of security about the energy situation, especially as it relates to agriculture," Hiller warned.

"Last month, the 1973 law designed to keep fuel moving to farms in times of national emergencies expired," Hiller said.

"We need a new national policy to make sure that farmers get the fuel they need when they need it," he stated.

He also warned that many states are attempting to increase revenue by substantially raising fuel taxes, expecting that public animosity and distrust of oil companies will cloak their actions.

"At the state level," Hiller said, "we continue to fight naive laws that ultimately threaten both the supply and price of fuel for farmers and rural communities."

Chambersburg dairymen honored

Don Upperman, Surge Dairy Equipment dealer, left, presents silver belt buckle, symbol of the Surge Ten Ton Club, to Wilbur and Stanley Burkholder, of Burk-Lea Farms, Chambersburg.

The dairymen were honored in recognition of their dairy herd reaching the outstanding rolling herd average of more than 20,000 lbs. of milk.

The silver belt buckle is inscribed with Burk-Lea Farms name and the 120-cow herb's DHIA production record of 20,023 lbs. of milk and 663 lbs. of fat for the year of 1980.

I'M NOT LION...

The Classified Livestock Section Has Beastly Selections!

Farm Credit issues three major provisions

WASHINGTON, D.C. — The Farm Credit Association has issued regulations implementing three major provisions of the Farm Credit Act Amendments of 1980.

Final regulations were published recently in the Federal Register following a public rulemaking proceeding over an eight-month period. Public comments from interested parties were considered in developing the final regulations.

C.T. (Terry) Fredrickson, FCA senior deputy governor, said, "We believe the regulations balance the interests of the various concerned parties while carrying out Congress's intent in the Farm Credit Act Amendments of 1980."

The regulations call for the Farm Credit System to develop coordinated programs to serve young, beginning and small farmers, ranchers and commercial fishermen, set standards for commercial banks and other financing institutions to obtain loan funds from the Federal Intermediate Credit Banks and authorize the Banks for Cooperative to finance and provide credit services for the international trade activities of agricultural and aquatic cooperatives.

The Farm Credit Administration is the federal regulatory agency for the cooperative Farm Credit System, a nationwide banking system which now has $77 billion in loans outstanding to farmers, ranchers, commercial fishermen and their cooperatives. The System lending institutions include the Federal Land Banks and the Federal Land Banks Associations, the Federal Intermediate Credit Banks and the Production Credit Associations, and the Banks for Cooperatives.

Eradicane Extra will be available

WESTPORT, CT. — Stauffer Chemical Company has announced plans to market Eradicane Extra herbicide under a limited introductory program in 1982. The new product consists of Stauffer's Eradicane with a patented additive that increases the herbicide's persistence in the soil.

"This longer persistence gives us better, more consistent performance on hard-to-control weeds in corn," said Richard Gold, Eradicane product manager.

The new product is labeled for control of shattercane (wild cane), johnsongrass, quackgrass and wild proso millet — weeds not controlled by most corn herbicides — and many other grasses and broadleaf weeds.

Gold stressed that only a limited quantity of Eradicane Extra will be available in 1982. Allocations will be based on patterns of past use of Eradicane. The company will begin to distribute the new product in February, 1982. It is planning an information seminar with university researchers early in the year.

Suggested Readings

ABS offers new sire directory

DE FOREST, Mich. — Providing dairymen with more background information on American Breeders Service bulls and programs is one of the main objectives of ABS' new Autumn Holstein Sire Directory, according to Russ Berna, director of marketing.

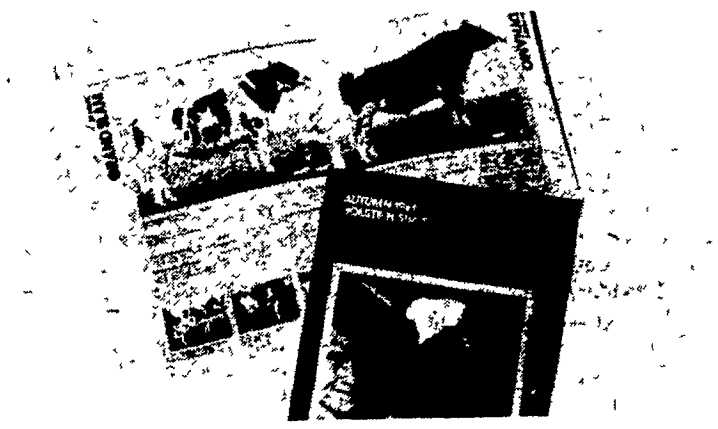
"We've added a calving ease guide, a genetic trait rankings summary, a top sire performance listing and HFA type profile to the standard update July 1981 USDA sire proofs and revised pedigree indexes," Berna said.

Plus, the directory includes a full-color section celebrating the beginning of ABS' fifth decade of service to dairymen and highlighting the special service programs they offer their customers—programs like Genetic Mating Service which now evaluates over 500,000 dairy cows annually and is approaching the 3 million mark in total evaluations.

In addition to this information, there are over 80 proven sires and 13 Genetic Venture sires in this year's directory.

There are also over 70 sires listed with a Total Performance Index (TPI) over +300.

Five of those leading sires have TPI's over +600. They are Valiant, +686; Jason, +634; Milkmaster, +621; Milmay, +610; and Sexation, +604.



Dairymen interested in obtaining a copy of the 1981 Holstein Sire Directory can get a free copy from their local ABS Representative or contact American Breeders Service, P.O. Box 459, DeForest, WI 53532.

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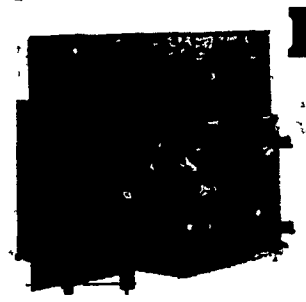

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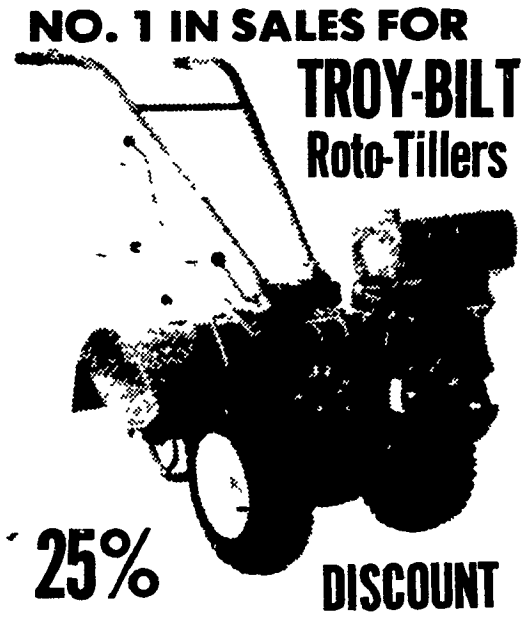

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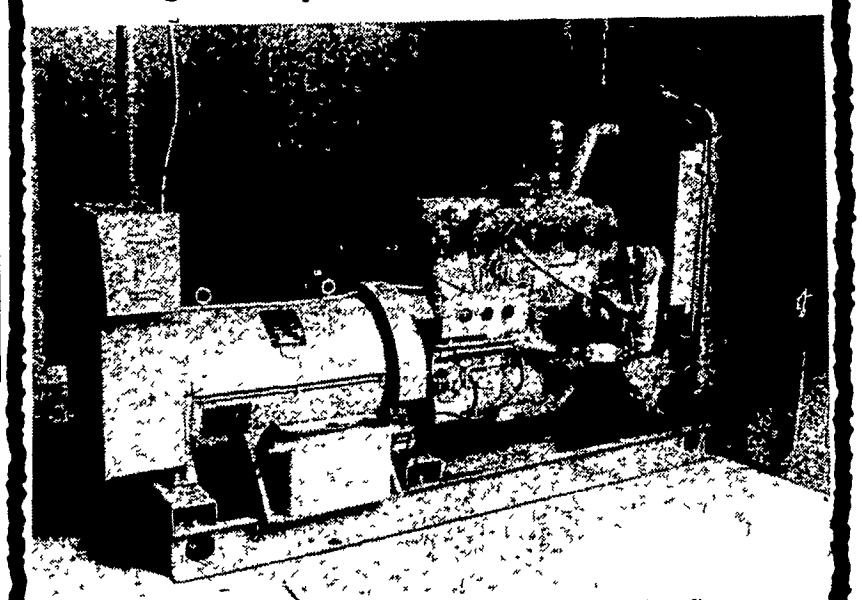

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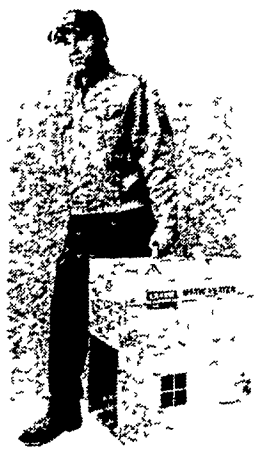

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Anderson speaks out on shattercane, Johnson grass control

Bob Anderson, Adult Farmer Instructor in New Holland, teaches the difference between shattercane and Johnsongrass, and how to control the problem weeds.

NEW HOLLAND — Ten years ago, a Lancaster County farmer planted what he thought was sorghum with his corn which he planned to harvest for silage. He inadvertently let the crop go to seed.

Within two years, his farm was so infested with shattercane that he couldn't walk through the fields. The annual grass — which is the spitting image of Johnsongrass above ground — soon spread to 50 percent of the area farms. It remains a severe problem today making entire corn fields unharvestable in some cases.

But, help is on the way. If Bob Anderson has anything to say about it, the problem weed will soon be under control. The Adult Farmer Instructor for the Eastern Lancaster County School District, New Holland, has been running experimental test plots on shattercane control with local farmers for three years now.

Part of the problem in teaching farmers to control the pest, says Anderson, is the plant's uncanny resemblence to Johnsongrass. The only way to be really sure which is which, he adds, is to dig them up. Where Johnsongrass has tuber-like rhizomes underground, shattercane has none.

Though, Johnsongrass rhizomes allow that weed to propagate vegetatively, giving it an extra reproductive advantage over shattercane, the shattercane seed can remain dormant for an extraordinarily long period of time. Neither of the weeds are any fun to try to eradicate, but it's best to properly identify the problem first and then proceed with an appropriate control program, according to Anderson.

"Our biggest problem in effecting a control program has been that farmers have mistaken shattercane for Johnsongrass and have tried to control rhizomes where rhizomes didn't exist," states Anderson, who works out of the Eastern Lancaster County School District's Agricultural Department.

"In order to determine the best control program, we took the three farms with the worst shattercane infestations and tested various

(Turn to Page C5)

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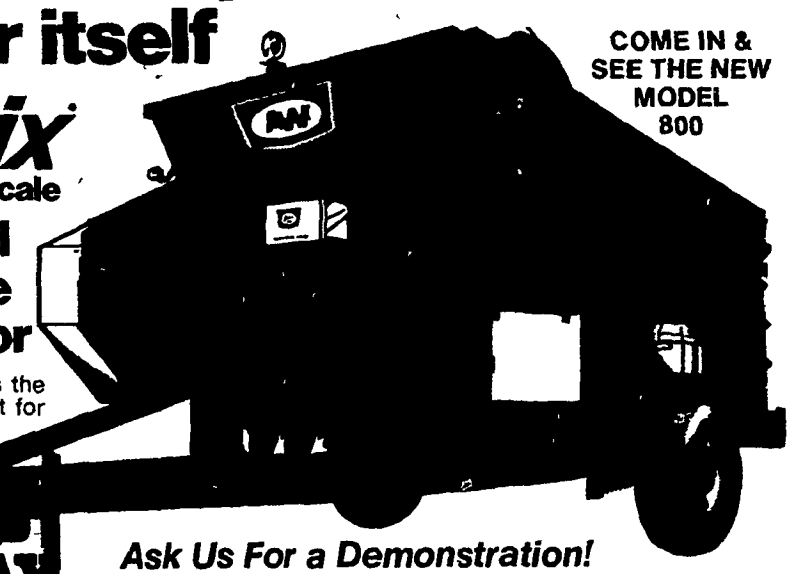
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Anderson on weed control

(Continued from Page C4)

control methods. We put out three to four acre test plots on each farm, and experimented with six different herbicides, or combinations thereof," he explains

Without a doubt, says Anderson, Eradicane has given the best control of shattercane after three years of research. In fields where this preplant-incorporated herbicide was used, corn yields were doubled in fields where the shattercane was not controlled. The herbicide also controls Johnsongrass, so it helps minimize problems with identifying shattercane.

The chemical control is sprayed on fields at the rate of seven and one-third pints per acre, mixed with one quart of atrazine for broadleaf control. Then the mixture is incorporated with a disc in one, but preferably in two passes, across the field.

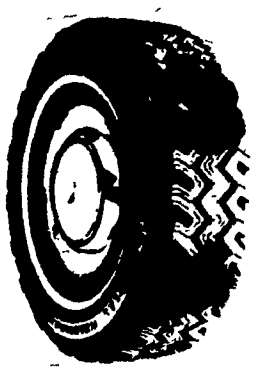
"Traditionally, farmers in this area have not used preplant-incorporated products," explains Anderson. "So one major task is in showing them how to properly apply the material. Because shattercane requires warmer soils to germinate than corn, many of them have been going into the fields too early, before the ground's warmed up enough."

Anderson is a proponent of preplant-incorporated products whether shattercane is a problem or not. When farmers incorporate their herbicides before planting, he says, they don't have to worry about getting enough moisture to activate the herbicide.

"The last two years, for instance, we had herbicide failures around here just because it didn't rain," he explains "Maybe nine years out of ten, a farmer will get away with not using a preplant-incorporated product, but you never know which year it will be....and by the time you do, it's too late.

"In dry years, every weed hurts the farmer's corn yield. By using these products, the farmer simply eliminates one more variable."

The best way to distinguish shattercane from Johnsongrass is to dig them up. Johnsongrass (left) has tuber-like rhizomes and shattercane (right) has none.



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L78-15	*45.00	2.83
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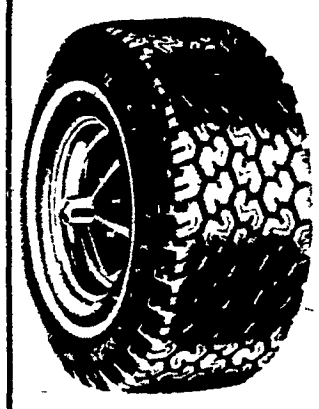

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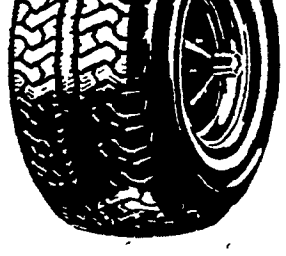
P205/75-14	*53.00	2.54
P225/75-14	*58.50	2.93
P205/75-15	*53.50	2.60
P215/75-15	*58.00	2.78
P225/75-15	*60.00	2.98
P235/75-15	*64.50	3.41
155-13	*32.00	1.65
165-15	*33.00	1.86



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DR78x14..P185/75-14	*51.00	2.20
ER78x14..P195/75-14	*52.00	2.23
FR78x14..P205/75-14	*53.00	2.34
GR78x14..P215/75-14	*55.50	2 49
H-JR78x14... P225/75-14	*59.00	2 62
FR78x15...P205/75-15	*53.00	2 46
GR78x15...P215/75-15	*55.75	2.62
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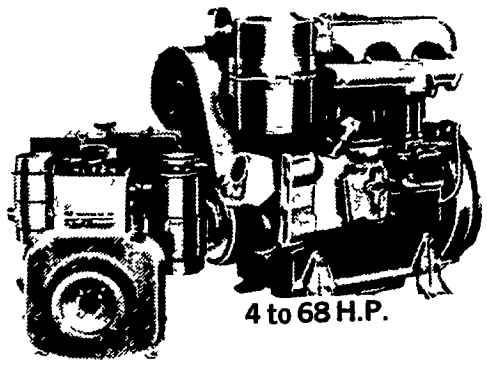

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Clinton Co. farmer cracks down on quackgrass

CLINTON Co. — Many Pennsylvania farmers still insist tillage is the best way to control such weeds as quackgrass and fall panicum. Still, year after year, these same farmers have watched weeds continue to germinate and grow despite repeated plowing, discing, and cultivating.

But John Fryer, who manages 1,000 acres of corn, soybeans, small grains and alfalfa in Clinton County, decided long ago to take a different approach. Noticing that uneven results and soil damage often followed intensive tillage. Fryer learned to depend upon chemicals to help keep his toughest weed problems under control.

"We don't even own a cultivator," says Fryer, who has run the farm and a 67-head cow/calf operation for the George Gummo family since 1973. "We've discovered that we really don't need that much cultivation. On our worst fields, we may till once. I prefer other ways to keep weeds like quackgrass under control. It's all a matter of good management—getting the right materials on at the right time."

Combating Quackgrass

Quackgrass posed some of the worst control problems for Fryer, and had the potential to be the most damaging to his yields. Easily distinguished by its single-spiked seedhead and jointed angled stems, quackgrass can threaten Pennsylvania crops in more ways than one.

While it is well-known that quackgrass competes with crops for moisture, light and nutrients, there has been some speculation that quackgrass rhizomes, which can grow up to 450 feet in a season, emit substances that are toxic to other plants. Called alleleopathes, these substances stunt the development of germination crop seeds. So while the weed itself competes with the full-grown crop plants, the alleleopathes weaken young economic plants.

Anyone who has dealt with quackgrass has also undoubtedly found that it is almost impossible to get the week out of a field once it has become established. Tillage has, in most cases, proven too dependent on variables such as moisture and temperature. In addition, tillage equipment may serve to drag viable rhizome segments from one area of the field to another, where they can easily become established and start a new intestation.

Fall Treatment

Plagued with infestation ranging in size from 35 to 50 acres, Fryer decide i to opt for applications of herbicide. His first experiment was with a fall broadcast treatment of Roundup on 40 acres prior to seeding a winter grain crop in 1978. This was applied at a rate of two quarts in 20 gallons of water when the weeds had reached the late boot to head stage of growth.

While Fryer's initial experiment with fall application of Roundup cost about $32.50 an acre, he found the treatment paid for itself three times over the first year. Based on university research, John figures he was losing about 25 percent of the 150 bu. per acre corn yield he would normally expect on an uninfested field. Without quackgrass to contend with, Fryer calculates the harvested an extra 37 bushels per acre, or an additional $99.16 in income per acre based on a market year average price of $2.68. A $1,300 investment in herbicide over a 40-acre field returned him almost $4,000 in increased yield, he says.

Fryer also has gotten good results applying Roundup with a farm sprayer to spot treat quackgrass in soybeans. "We only sprayed parts of those fields, but the next spring we found that the whole field should have been sprayed. The areas we didn't hit had quackgrass," recalls Fryer.

With quackgrass under control and good results from pre-emergence treatments of Lasso herbicide plus atrazine on corn and Lasso/Sencor on beans, Fryer was encouraged enough about weed control to begin looking at minimum tillage techniques that would help him to combat erosion. Insolating conventionally-planted corn as one of the key areas of soil loss, Fryer decided to establish several no-till test plots.

After harvest, he allowed the ground to remain untouched over winter. The following spring, he applied liquid nitrogen, soil insecticide, and various different pre- and post-emergence herbicides. He then planted into the stubble with a John Deere Max-emerge planter.

But, after maintaining some

Clinton County farmer John Fryer, who runs a 1,000 acre operation, says control of weeds such as quackgrass is a matter of using "the right materials at the right time."

fields in continuous no-till for three years, Fryer has discovered that there are limitations to the length of time he can keep any single field producing in a no-till situation.

"I plan to expand my no-till program based on rotation. A field can be kept in no-till for three years. Then we'll till and cultivate for one season before going back to no-till in the fifth year," says Fryer, who usually expects corn yields in the 150 bu. per acre range and about 40 bu. per acre soybeans. "After three years, it's time to get some of that corn stubble off the ground."

With good weed control, Fryer says he's comfortable with continuous minimum till on the rest of his acreage. He chisel plows his ground in the fall, than discs in the spring prior to planting. Fryer expresses optimism that he'll be able to "steadily reduce tillage" to hold onto his limestone clay soil. Strip farming is another technique he uses to keep erosion down.

"Just like weeds, erosion can be a problem in this area," concludes John Fryer. "But with a good management program, a farmer can keep all problems to a minimum."

Hunterdon Co. N.J. schedules farmland preservation meeting

FLEMINGTON, N.J. — "An old-fashioned community meeting" is the description being used by the Hunterdon County Agriculture Development Board for its open meeting on the county's agricultural retention program, set for Wednesday evening, November 11. To be held at the Hunterdon Extension Center, beginning at 8 p.m. the meeting will be an open forum for non-farm as well as farm citizens of the county.

During the meeting, presentations will be made by members of the board, representing the various committees. These committees were formed at the beginning of the "Task Force to Preserve Agriculture," a group of twelve farm and non-farm citizens named by the Board of Freeholders to study the problem and to suggest solutions.

As the discussions and decisions of the task force evolved and the original charge to the group resulted in some rather clear-cut proposals, the freeholders established the first County Agriculture Development Board in the state. There was a carry-over of nine or so members from the original task force. So, there was continuity in the process.

The November 11 meeting will be moderated by Edward V. Lipman, a Burlington County cranberry grower and civic leader. He will conduct the question and answer period following the brief committee presentations and a summary and project of the board's plans for the future, presented by board chairman, David Buchholz.

This will be the first time the general public will have an opportunity to hear first-hand the development of the program up to this point. And, the discussion period will allow time for questions and responses.

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2-180	$2775
4-175	$2900
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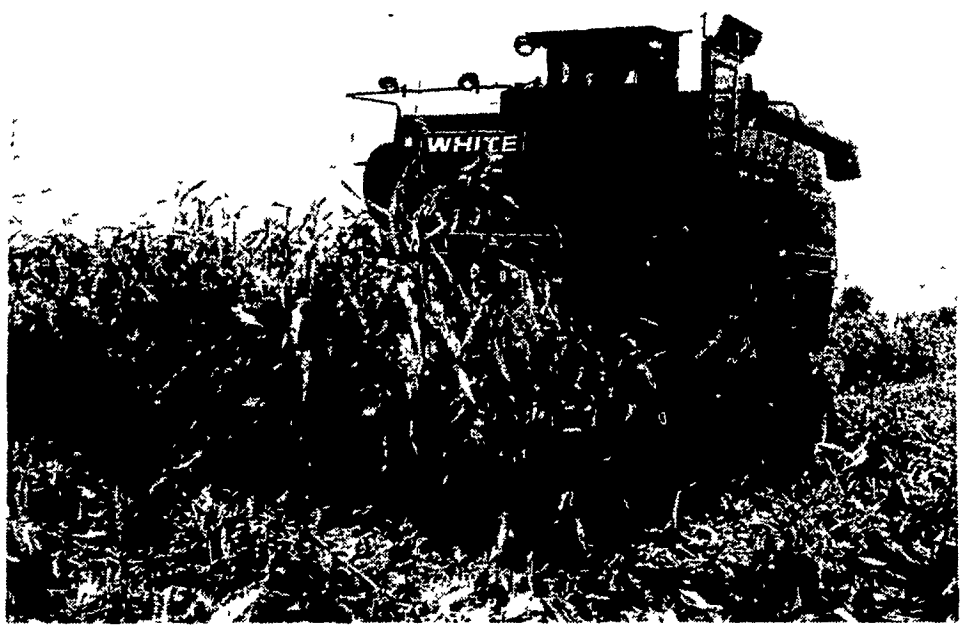
* Some combine models qualify for waiver, rebates and reduced interest rate



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Can a small farming operation afford a corn picker?

BERNVILLE — Does it pay the small to medium-sized farmer to purchase a corn picker, or is it better to have someone come in and custom combine the corn?

Most farmers who put the pencil to this question will conclude it does indeed pay to own their pickers, even when the cost of owning one, cash flow, is considered. One Berks County farmer who attests to this cost analysis is Rodney Garrett of Bernville.

Garrett farms 60 acres of shale farmground which lies next to a small stream called Plum Creek He grows 13 acres of sweet corn, 22 acres of wheat and 25 acres of field corn on his land.

This year, says Garett, rather than hiring a custom machine to harvest his corn, he will be using his own one-row New Idea corn picker. "I sat down and figured the cost of having my corn custom combined versus buying my own corn picker, and I was surprised," he explains.

What convinced Garrett that his small operation could afford a new piece of equipment? Scratch papers covered with lines and columns of figures analyzing costs and savings — not only for one year, but for several.

Garrett determined that if he went back to hiring a custom machine to do the harvesting, it would cost him $20.50 an acre. At that price, it would cost him $512.50 to have the 25 acres of field corn picked.

Then, in order to dry the corn down to the point where spoilage would not be a factor, Garrett figured it would cost 25 cents a bushel. Anticipating a yield of 3,000 bushels, drying costs would be an additional $750.

Garrett also estimated his losses for selling the corn directly out of the field as opposed to storing it on the farm at 15 cents a bushel, or $450.

Altogether, the cost for custom picking his corn came to $1,712.50, based on his calculations.

And, figuring the custom machinery may not arrive at the optimum time to harvest his corn, Garrett says he had to figure additional expenses for field losses.

How much loss is difficult to determine, according to Garrett. For his calcualtions, he referred to field studies from various universities that demonstrated how late harvesting losses amount to 4-17 bushels per acre. "I chose the low side of field losses so as not to kid myself on the economics of justifying my corn picker purchase," Garrett points out.

Using the 4 bushel loss factor, Garrett determined he would be losing an additional $325 for the hazards of late harvest, bringing the total to $2,037.50 for the 25 acres.

Garrett admits that no harvesting unit can harvest 100 percent of the corn in the field. However, he points out that the 4 bushel loss he used in his cost analysis came from losses incurred during field shelling along with some downed corn due to late harvest

When considering the alternative to custom hiring — the purchase of a corn picker — Garrett found that a new machine cost about $5,000. Along with the picker, Garrett figured he'd need to buy a used wagon, a 25-foot elevator, and a sheller for a cost of $1,000. Storage space for 5,000 bushels of corn already was available in the form of corn cribs, so no financial outlay was necessary for that aspect.

Anticipating that he could get the entire $6,000 he needed for the picker and other equipment from Production Credit Association at an average interest rate of 16 percent over 5 years, Garrett pushed his pencil to determine the financing cost would be $1,832.46 per year, paid to PCA after each season's corn was sold.

Since he'd be operating the corn picker himself, the cost of fuel would now be his expense rather than the custom operator's, Garrett notes. To determine what his fuel expense would be, Garrett checked in with several of his neighbors and found that they claimed they could pick 8-10 acres of corn per day when conditions were right.

"I figured it would take me 30 tractor hours to pick my corn — and that figure was on the safe side," recalls Garrett. He determined his 50 HP tractor would use about 75 gallons of fuel. Based on a price of $1.38 a gallon, fuel costs worked out to be $102.

Figuring the cost of financing and operating the corn picker, Garrett calculated the cost of owning his own equipment to be $1,935.46 for the first year.

Looking at what might happen to the cost of custom picking during the length of his 5 year loan, the Berks County farmer said he could foresee at least a 5 percent jump in price each year. At the end of 5 years, his investment in someone else's time and equipment would come to $11,258.51.

For both the custom and owner calculations, the net costs were determined after tax savings, including the investment credit for the puchase of the harvesting equipment, Garrett stresses.

His analysis showed that he would come out ahead of the game financially over 5 years if he opted for his own picker. Allowing for a $50 increase in the cost of fuel each year, plus a total of $200 in repairs to the equipment over the period, the cost of owning his corn picker totalled $10,477.30.

This gave Garrett slightly less than $1,000 margin between customing or owning a corn picker. But his mind was made up when he figured the resale value of the corn picker at the end of 5 years would be $3,000 for a net difference of $3,781.21 in favor of owning the harvesting equipment.

What rights of ownership will be granted to Garrett with the purchase of a new corn picker?

For one, he will have more control of when his corn will be harvested. And, he can sell the corn either on the cob or shelled. Above all, he can sell the corn when he chooses. Garrett says he calls it his 'market flexibility program.'

Penn vet is first 'Allam' professor

PHILADELPHIA — Dr. William J. Donawick, a veterinary surgeon who developed a system for storing the heart of an animal in another species during transplantation, has been named to the newly created Mark Whittier and Lila Criswold Allam Professorship at the University of Pennsylvania School of Veterinary Medicine.

The chair, which was created with a gift from Mrs. J. Maxwell Moran of Paoli, honors another distinguished veterinary surgeon and the Veterinary School's former dean, Dr. Mark W. Allam, emeritus professor of surgery, and Mrs. Allam.

Dr. Donawick, who first came to the University of Pennsyvlania is an instructor of veterinary medicine in 1964, trained at the University's School of Veterinary Medicine and its School of Medicine in surgery and transplantation biology. By 1970 he was developing techniques for storing an animal heart in another species, experiments which have implications for human as well as animal transplantion.

He discovered that the hearts of goats could survive in calves if the animals' natural tendency to reject foreign tissues was suppressed with drugs. By 1975 he had successfully transplanted goat hearts into calves for storage up to two weeks before returning them to other goats. Techniques that Dr. Donawick pioneerned may one day be used to store human hearts in other primate species until a human patient is identified and prepared to receive it.

Dr. Donawick has served as both chief of staff and chief of large animal surgery at New Bolton Center, the Veterinary School's large animal facility at Kennett square where he was a member of the team that produced the first "test-tube" calf born in June, 1981.

Currently, Dr. Donawick is doing research on "colic" which is one of the most common, feared and deadly diseases in horses. Colic is usually caused by a blockage in the intestine which may be surgically removed providing the horse is in condition to have the surgery performed. Dr. Donawick and his colleagues are studying the effects of blockage of the intestine on the movements of water, sodium and potassium across an intestine that has been temporarily obstructed. Their hope is to develop a method for regulating the water balance between the body and the intestine, which in turn would give the horse a better chance for survival.

Dr. Donawick received his B.S. from Cornell University and his D.V.M. from New York State Veterinary College at Cornell University in 1963. He is currently president-elect of the American College of Veterinary Surgeons (a specialty college founded by Dr. Allam) and a member of the American Veterinary Medical Association and the Transplant Society. He lives with his wife, Bonnie, and their two children in West Chester, Pa.

The chair to which Dr. Donawick has been named honors Dr. Mark W. Allam, who was dean of the Veterinary School from 1952 to 1973 and is widely credited with developing the school into one of the finest in the nation.

"This chair permits me to express my long admiration for the work of Dr. Allam," said Mrs. J. Maxwell Moran. "It is through his efforts that the Veterinary School has grown to its current prominence and New Bolton Center has become a reality."

Under Dr. Allam's leadership, the University of Pennsylvania became the first veterinary medical school to move away from the old agricultural and vocational mode of education to become a branch of the medical sciences. He made the school into a center for comparative medicine and fostered the development of specialties in veterinary medicine parellelling human medicine.

A distinguished veterinary surgeon, Dr. Allam was the first veterinarian to do graduate work in surgery in the School of Medicine. Also he pioneered in treating animal tumors with radiation and developed several diagnostic devices and surgical techniques. His many honors include the title Veterinarian of the Year by both the Pennsylvania Veterinary Medical Association and the American Animal Hospital Association.

Dr. Allam and his wife live in Media.

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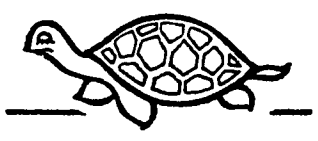

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HEAR THE REMAINDER OF THIS SPEECH NEXT MONDAY AT PFA

by David K. Sauder

You'll want to hear David K. Sauder, President, Trade Tech Management, Inc. and Lancaster Farming Columnist as the guest speaker at the Pennsylvania Farmer's Assn. Annual Meeting for their Marketing Conference.

Here's a quote:

"If time lasts, we are now at the end of a 510 year cycle for Western Civilization. We have some very critical choices which must be made. It's either radical change or revolution and poverty. It will be one or the other. And it will come within the next 20 years." You as a farmer will have something to say about that."

Hear the remainder of this speech next Monday at PFA Annual Meeting, Suites E-G, Hershey Lodge and Convention Center, Hershey, PA. Time is 3:00 to 4:00 p.m.

For more information about the convention or for additional printed quites from this speech, write to Trade Tech Management, Inc., 1020 Stony Battery Road, Lancaster, PA 17601. Or Phone: (717) 898-0139.

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Damaged grain cuts profits

DEKALB, Ill — Whether they produce for cash or for feeding, corn and grain sorghum growers have a major stake in the safe storage of their harvested crop. Even the best of harvesting conditions produces grain with some degree of damage that can hasten eventual deterioration of the stored product.

When growing and harvesting conditions are less than ideal, grain damage and potential loss increases. Drought in some southern areas in both 1980 and 1981 made corn grain vulnerable to the fungus that produces aflatoxin under certain conditions. Growers found it necessary to harvest as early as possible and dry the grain promptly to avoid serious loss in grain value and usefulness. While grain of some corn hybrids may be slightly less prone to develop aflatoxin problems, weather and crop management, including insect control, are major factors determining its development.

Some growing areas experienced considerable stalk rot development in 1981. Stalk rot is induced by plant stress during the growing season, by outbreaks of leaf diseases, and by plant damage from insects, machinery, or hail. Growers who became aware of the stalk rot potential were encouraged to harvest their crop early to reduce field losses.

Wet, less mature grain is more subject to combine damage than drier grain. Also, higher moisture grain may make it necessary to dry at high temperatures in order to maintain dryer capacity. High temperatures drying causes corn kernels to crack and become more subject to breaking when moved.

Although research workers are able to measure slight hybrid differences in tendency for kernels to crack and break, the main differences are due to grain moisture and the setting and operation of harvesting and handling equipment.

Ohio State research shows that, with conventional cylinder combines operated at recommended speed, total damage to corn kernels is lowest at about 24 percent harvest moisture:

% Moisture at Harvest	% Damage
37	45
30	31
26	23
24	19
20	20
13	22

Another factor affecting quality of grain going into storage is insect and bird damage that occurs prior to harvest. Some areas experienced unusual numbers of borers, earworms and armyworms in the summer of 1981. Not only do these pests devour a portion of the crop, their feeding activity sets up ideal conditions for kernel molds and rots to get started. At harvest, part of the light-weight, moldy and half-eaten kernels are removed but many remain in the grain to create potential storage problems.

Corn hybrids with tight husks that completely cover the ear tip offer some protection against insect and bird damage. This, in turn, reduces initial infection by rotting organisms. On the other hand, these same protective husks tend to reduce moisture loss so there's some trade-off between field drying rate and protection from birds, insects and mold. Grain of some hybrids is reported to the more resistant to kernel molds than grain of other hybrids.

Part of the corn and sorghum grain going into storage this fall is in less than perfect shape for storage. Each bin of stored grain represents a sizable investment; no one can afford the loss associated with out-of-condition grain.

Carefully monitor grain in every bin for moisture, insect or mold activity (heating) and other evidence of deterioration. Be extra careful to follow a good aeration schedule and be prepared to move grain if necessary to maintain quality and value. Watch those heat sensors and thermometers like a hawk.

One tool that deserves special mention is the moisture meter. Recent surveys indicate that many of these instruments are not well calibrated — leading to serious over or under estimates of actual moisture content. Couple this with improper sampling and failure to follow operating instructions and you have the makings of big storage problems or excessive costs due to overdrying

Every moisture meter should be checked against a drying oven or an instrument that is known to give results comparable to a drying oven. Also, the manufacturer may have revised conversion charts available

PDA recognizes Martins Potato Chips promotion

HARRISBURG — A certificate of recognition from the Pennsylvania Department of Agriculture was presented to Martins Potato Chips of Thomasville for its efforts in promoting Pennsylvania farm products.

Deputy State Agriculture Secretary E. Chester Heim made the presentation Thursday to the firm's owner, Ken Potter, during ceremonies at the Third Street Market in Harrisburg.

Heim said the York County firm will continue to produce the same top quality Pennsylvania potato chips as it has done for many years but it will now use the state's "We're Growing Better" logo to promote their products.

The deputy secretary noted that the value of sales of Pennsylvania potato chips totals more than $220 million each year. Pennsylvania ranks first in the nation in the production of potato chips.

"By promoting Pennsylvania farm products," Heim said, "Martins Potato Chips joins may companies across the state in Governor Dick Thornburgh's campaign to stimulate economic growth, increase sales of state agricultural products and to improve the freshness of goods consumers purchase.

PACA speeds change process

WASHINGTON, D.C. — A change is being made to speed up hearings under the Perishable Agricultural Commodities Act for cases involving "responsibly connected" individuals who have been associated with produce firms.

According to Jack Gardner, who heads the program for the U.S. Department of Agriculture's Agricultural Marketing Service, the revised rule will allow the agency administrator to designate any person to serve as presiding officer over the hearings. Previously, only certain officials—who were sometimes unavailable—had to be appointed, and this often delayed the hearings, Gardner said.

Under the Perishable Agricultural Commodities Act, responsibly connected persons may not be re-licensed under the act or employed by other licensees when the firms they are connected with fail to satisfy PACA reparation awards or when the firms lose their licenses for cause.

The act requires firms that buy or sell fruits and vegetables in interstate commerce to be licensed by USDA. USDA can suspend or revoke licenses of firms that fail to meet requirements for prompt payment of produce or that otherwise violate the act.

The rule change were published in the Oct. 21 Federal Register.

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Farming's Futures

By David K. Sauder
Commodity Advisor
Trade Tech, Lancaster

Here are several questions that came to us this week:

What is the advantage of using the futures market for hedging over forward contracting with a grain dealer?

C. Cassel, Hummelstown

Sometimes it may not be advantageous to use the futures market over forward contracting. Then again, the market can go against the grain dealer to the farmer's advantage too.

The grain dealer ususally uses the futures market to protect himself on any forward contract he offers. He adds a profit and additional basis to cover his service to take the risk of the fluctuating prices. But when the grain dealer has a stock of high priced grain on hand, he must sell that grain at a high price even though the cash price has come down

For example, this week a farmer we talked to was quoted a soybean meal price of $290 per ton. On the futures market you could have bought soybean meal at $185 and locked that price in until you needed the feed.

By using a registered commodities advisor who watches the market every 5-minute tick you can get recommendations for the right day to buy your grain. Often the farmer can lock in a better price. And even more importantly, the farmer stays in control. By hedging prices on the futures market, the farmer does not need to pay the grain dealer to take the risks of fluctuating prices through the purchase of forward contracts at retail prices.

Could the futures market work for dairy farmers? Could dairy farmers do for themselves what we now ask Commodity Credit Corportion to do? Could the Gettysburg plan work?

B. Mearns, Jr., Gettysburg

To use the present futures market, dairy producers can lock in low feed prices against a possible rise in corn, soybeans or soybean meal prices. But to structure a milk futures contract would be difficult because of milk's perishability.

The Gettysburg Plan is an interesting idea because someone has done some creative thinking. You don't seem to find much creative thinking about farm marketing these days.

This plan calls for one class of milk — Grade A, component pricing related to the protein, fat and total solids in the milk; a regional board of trade for butter, cheese and milk powder and farmer control.

Without going into detail on how the Gettysburg Plan works, the listed advantages are to:

- Remove the tendency of the Federal Order to place a ceiling on prices;
- Provide incentive for co-op merger to balance manufacturing and fluid capacity; and
- Allow involvement in marketing by small handlers.

To be effective, any plan for marketing must consider a limit to supply. That's the way the futures market works.

Whenever a futures contract is sold by a farmer, a buyer of the contract must be found. Sometimes the buyer is the end user, such as a flour mill, meat packer or, in the Gettysburg Plan, the milk plant.

Sometimes the buyer is a speculator who thinks he or she can make some money as a middleman. Ninety percent of the time, the speculator is wrong and loses money. But the speculator helps the farmer by being there to complete the buy side of the contract.

Any marketing plan for milk — a futures contract or an advertising program — must also consider the supply as well as the demand. When artifically-supported prices or a good advertising program creates room above costs, the farmer expands the herd, produces more milk, and floods the market. The price goes lower, if it can.

If the price is supported, the government buys the excess. And the farmer continues to expand, produce more milk and flood the market. The problem continues to propagate and repeat itself.

Therefore, any plan or method to help farmers stay in control of market prices is worth consideration.

Is there a futures market for sheep?

No. Like the dairy farmers, sheep farmers could lock in grain prices. But no futures market is available for lamb, mutton or wool.

Send your questions on futures trading to Farmings's Futures, Lancaster Farming Newspaper, Box 366, Lititz, PA 17543.

Penn Hort meeting updates growers on tax laws to nematodes

CAMBRIDGE, Md. — Growers will receive updates on horticultural crops at the 95th Annual Meeting of the Peninsula Horticultural Society.

The meeting will be split into two sessions again this year - the Nursery and Greenhouse Program on Tuesday, Nov. 17, at the Wicomico Youth and Civic Center, Salisbury, and the Fruit and Vegetable Program. That session will be held on Thursday, Dec. 10, again at the Youth and Civic Center. Both programs will begin at 9:30 a.m. and run through the day until around 3:30 p.m.

The nursery and greenhouse program will cover many topics ranging from the new tax laws to pine wood nematodes. There will also be some items of special interest. A sick plant clinic will be held to determine any pest or cultural problems with plants that growers bring in. There will also be a Best of Show contest to see who has the best plant (no prizes, just the satisfaction of knowing that you had the best plant there).

Nursery and Greenhouse Program

9:30 a.m. - Raising Poinsettias in Cold Temperatures, Dr. James Shank - University of Maryland; 10 a.m. - Greenhouse Plant Pest, Wayne Shaff; 11 a.m. - History of the Peninsula Hort Society, Derby Walker; 11:15 a.m. - Judging Plant Display; 11:30 a.m. - 1:00 p.m. - Lunch on your own; 1 p.m. - Sick Plant Clinic and Best of Show Plants; 1:30 p.m. - Update on Defoliating Worms (Canker-worms, Tent Caterpillars, Gypsy Moths, etc.) Frank Boys - University of Delaware; 2 p.m. - What's the Story with Pine Wood Nematodes, James Adams - University of Delaware; 2:30 p.m. - Keys to Success in Raising Container Stock, Frank Gouin - University of Maryland; 3 p.m. - How Will the New Tax Laws Affect Me?, George Stevens - University of Delaware.

There are no dues or registration fees. Anyone interested in growing greenhouse or nursery plants or both is invited to attend.

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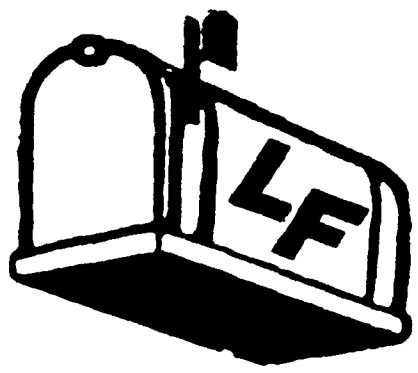

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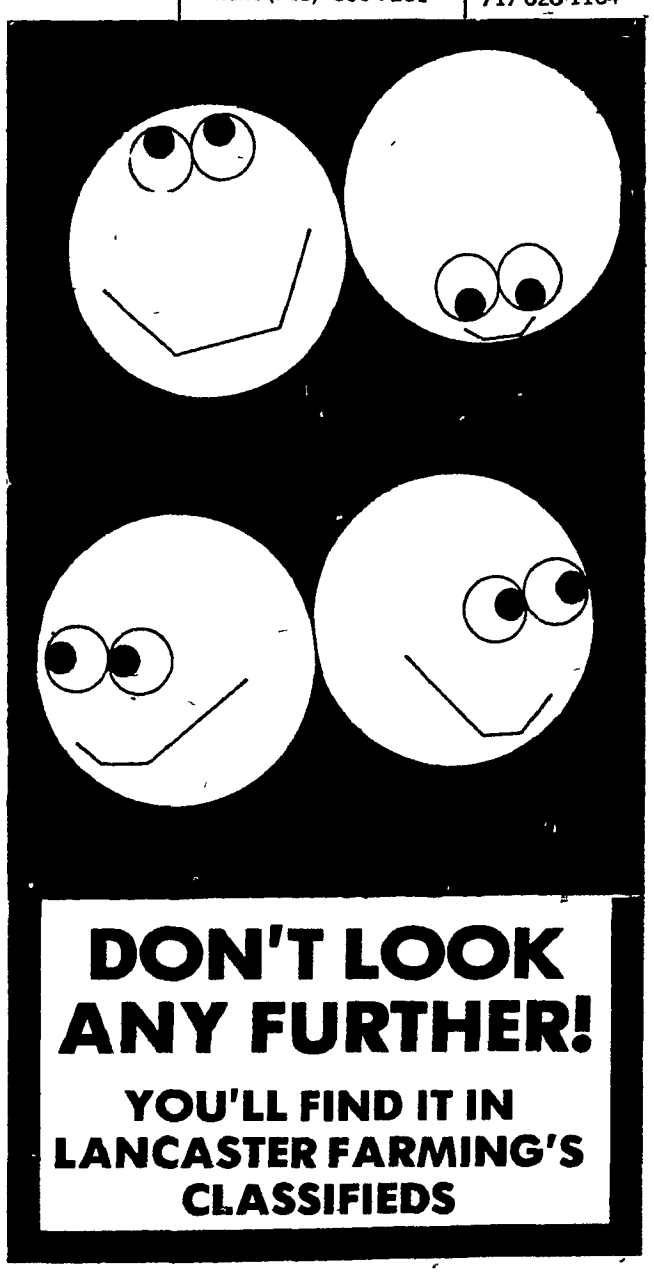

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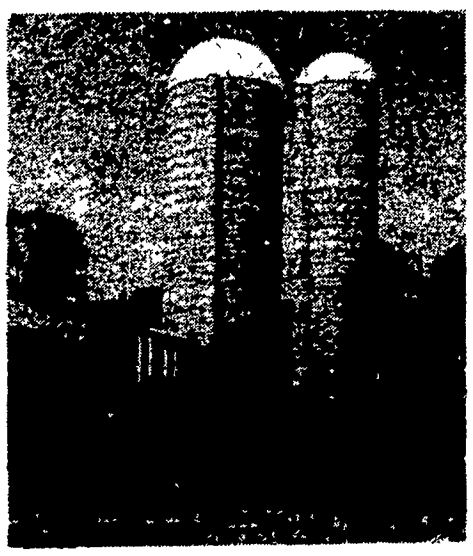

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AC 200
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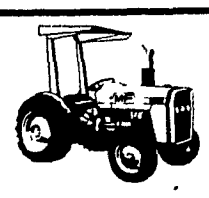
FARM FOUIPMENT

FARM EQUIPMENT



MF Massey Ferguson

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MF 30B Tractor Cab
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MF 124 Baler
MF 34A Loader
MF 34A Loader
MF 32 A Loader
MF 246 Loader
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MF #43 2B Plow
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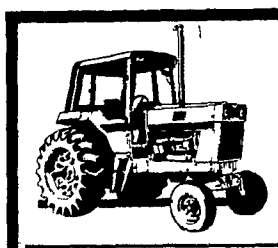
R.D. 2 Box 66 West Grove, PA
215-869-2214



USED EQUIPMENT

PARTS FOR SALE

IHC 815 Hydro Diesel Combine, slightly burned, major components excellent, w/1 yr. old 407 engine, 23.1x26 tires and like new feeder chain.

Massey 510 Combine w/quick tach throat and high bin extension.

AVAILABLE NEXT WEEK...
UNI 709 4 WHEEL DRIVE 700 HOURS

Farmall 706 with 291 gas engine, 2350 mount-O-matic loader
Int. 1456 w/dual PTO's and 23.1x34 rear tires, new clutch and TA runs excellent
Brand New 1086 Tractor $28,000
IHC 84 Hydro Tractor w/50 hours
JD 4230 Tractor, QR, cab & SOLD
Farmall 756 Gas Tractor, new motor
AC 200 Tractor w/2100 hrs. 1 owner
JD 5' Flail Chopper
NI Cut/ditioner
IH 315 Combine w/2 heads
IH 715 Combine
Massey 300 Combine Quick SOLD
Uni 710 Combine w/13' Platform, would separate
NI 319 12 roll mounted picker
NI 2 Row Pull Type Picker
JD 5460 Chopper, 490 hrs 4 Wheel Drive
Int. 234 Mounted Picker
Sm Continuous FloGrain Dryer

CORN HEADS

IHC 429N for 503 combine, excellent
2 Row Heads for Gleaner K or E III
NI 725 3 Row Narrow Corn Head
Massey 4RN 43 Head

RAYMOND B. LEAMAN
Willow Street RD 1, Ph. Lancaster 464-2778
Midway between Lancaster & Quarryville
off Rt 222 take Brenneman Road
at Graybill Bros. Garage, Refton

FARM EQUIPMENT

Kruger 24' gooseneck flat trailer, 1980 model, 3 axle, 10 ton, in perfect shape, exc for hauling hay, straw and equip ment, $5000 After 9 p m 703 854-5817

FARM EQUIPMENT

Gas or diesel engine repairs All repairs guaranteed Used 7 and 8 HP Wisconsin engines for sale Benuel Beiler, 242 Pennsy Rd , New Providence, PA

FARM EQUIPMENT

For Sale - NH 352 grinder mixer with 20' unloading auger, feed roll and 3 screens very good Stephen S Fisher, Box 114, RD 1, Lincoln University, PA 19352

FARM EQUIPMENT

Farm tires and tubes, fronts rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PH 717-263 0013

(Combines, Corn Heads, Pickers, Tractors and Equipment Just Arrived on our Lot.

(Combines) 1978 JD 6600 Hydro w/4 whl. drive looks like new, (SOLD) choice of heads, JD 6600 Side Hill turbo, hydro, floating cutter bar, and choice of corn heads. real nice: 1977 Int. 915 w/monitor, fully equip. w/large tires, grain and 863 corn head. 1973 Int. 915 gas w/grain head- nice, under $10,000. 76-JD 7700 turbo, Hydro, (SOLD) w/slight fire damage in cab, JD 643, (SOLD) 443, 243, 444 C.H.; NI 325 w/12 roll 324 w/12 roll; New Farmall 986 w/Rops $18,800; New Farmall 1086 (SOLD) w/Rops; New MF 2705 cab, air, $27,000; Used Int. 4386 4 whl. drive w/duals, New N.H. 489 haybine; New N.H. 315 Baler; Used JD 1209 H.B., N.H. 268 Baler w/thrower; N.H. 68 balers w/throwers $775 ea. or make offer; NI 323 one row used 2 years. NI 323 one row $2475.

(COMBINES) New JD 4420 fully equipt. w/213 grain & 443 C.H. MF 750 Hydra D w/air, purchased new in '79, fully equipt. w/grain & 1144CH, real N-I-C-E. 1976 Gleaner FD w/air and both heads (1 local owner clean); 1976 Gleaner K w/cab and grain never used in corn, MF 510D w/mud hog and quick tach grain and 44 C.H.; MF 300 diesel w/cab and grain real sharp. 1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head, JD 6600 D w/air & 13 Ft. grain. JD 55 sq. back corn special w/cab and 2 heads; JD 45 sq. back w/cab and 2 heads. Int 715 gas w/cab, 810 grain and 844 C.H., MF 510D w/Quick Tach Heads, Oliver 25 w/cab 1950.00.

MF 760 diesel hydra with grain and 6 row $19,750. MF 300 combine w/cab and grain for $2895.00. Late model Int. 303 w/cab.

N.I. 702 D w/767 Super Chopper. N.I. 702 D w/husking bed and 3 row C.H., NI 702 w/729 A sheller, 702 D w/rebuilt motor.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, new JD 4240 C.A. Q.R., Oliver 1855 w/factory cab. Farmall 560 D WF, Used Farmall 1086 w/R.G., Canopy, Used JD 2940 w/front wheel drive and cab used 350 hrs. purchased new in 1980, White 2-105 w/roll guard, ACXT190 real nice, Ford 4000D w/1300 hrs. excl, M.F. 285D w/R.G., M.F. 165 Tri D. N.H. 1010 Bale Stack Wagon, 3 new Bush Hog Chisel plows 9 & 11 ft. all w/gauge wheels; JD #350 4x16 reset plow like new; used 4430 w/sound guard, cab, Q.R. $16,500.00; Used JD 2640. Corn Heads. Gleaner K330, FL430, E330, A430 for F or F2, MF 421, White 4-150-4 whl. drive, fully eq., Int. 574.

NEW FARMALLS: 1086 C.A. for $25,400. New JD 4240 w/Roll Guard & Q.R. $24,900; New 4040 w/Power Shift and R.G. for $23,950, JD 3020 w/Diff Lock; JD 2020, Used Farmall 886 w/R.G. real nice, 1066 w/red cab, Farmall 706 w/310 diesel, 560 tri D. F.H., Farmall 560D w/2000 loader, Farmall 1256 w/cab & air, Farmall 504 Utility gas w/3 pt., 1970 JD 4020 W.F., 2 New Haybines, New Gehl 1090 9' for $4450, New NI 299 for $4250, (3) real nice balers, Int. 445 baler w/thrower just like a new one $3500 less than dealer cost. NH 320 w/thrower, used 1 season. NH 277 w/thrower, JD 24T w/#30 kicker

Corn Heads JD 643, 444, 343, 344, 435N for 95, 335, and 313 for 55C, 334, 235, Massey Ferguson 44, 63, 43, 24, 33, 222, 422, Gleaner G435 L438, F430, F438, A430, E240, K238, F335, F330, K330, G630 N.H. 4-row quick tach, Int. 864, 844, 843, 744, 743, 227, NI 4-row 40" heads, Case 3 row 30", Case 4 row 40", MF 43 Lo Profile, Int. 744 for 715, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444, $7350. Just Rec. - New JD 643 for $10,800, used White 706 N.C.H. used JD 444 C.H. $3500.

TRACTORS JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; JD 4520 w/triple hyd. for 11,900. Nice, JD 4320 for $11,850. Farmall used 986 cab and air, 1566 cab and air w/new T.A., for $18,000. Farmall 706 gas w/TA and 3 pt. original real good for $4500. Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

CORN PICKERS - only 9 left to pick from (new) N.I. 324 w/12 roll bed; NEW New Idea 325 w/12 roll bed, Used (4) N.I. 324 w/12 roll bed, (1) NI 325 N w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. Int. 234 w/12 roll bed. JD 3800 2 row chopper

John Deere 8630-4 Wh. Drive w/3 pt. PTO & Dual Wheels, real nice, also AC #2600 - 28 ft. Hyd. wing disk, like new, J.D. 7520 w/3 pt. & Dual Wheels.

(Tractors w/Loaders), JD 4020 w/58 Loader, Farmall 1206 w/cab.

Case 930 CK w/5X Plow. New JD 4440 cab, air, power shift. J.D. 4010 gas JD 4020 gas $4900. JD 4430 C.A. QR, 1970 JD 4020 w/roll guard; JD 4320 w/cab, 2-JD 1970 4020 w/dual hyd., 1970 JD 4020 Power Shift & Dual Hyd., Farmall 856 - nice.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., used 686 w/cab & air, 1566 w/cab, 766 D; 1466 w/cab.

Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Gleaner E Combine w/cab, grain and corn head; Farmall 1206, 460 Gas w/F.H., Farmall, 756 gas, 560, 856 w/front wheel drive, Farmall Hi Crop- 656 diesel, 756, 300. Cub Loboy w/mower, Cub w/mower and F.H., Cub 154 - (SOLD) nice.

HARVESTERS. New Int. 720 w/2 row, for $7800.00, JD 38 w/2 row pickup N.H. 770 w/2 row, J.D. 38 Chopper w/2 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Fox 2 row snapper head. JD 1 row snapper head like new.

ALLIS CHALMERS 7080 w/cab & duals $18,900 duals 7040 w/cab, power shift like new, AC 200 w/cab & air, AC 185 - $10,400, low hrs., 210 w/new 20.8x38 tires.

JOHN DEERE New JD 4440 cab, air, power shift, $35,900. Used JD 4430 - 4 post, power shift, used 4230 cab, air, QR, nice, 1975 - 4430 C.A. QR. sharp. 4030, 5020 tractor puller, 1972 JD 4000 D P.S. 1 local owner sharp. 4010D w/WF, 730D, 720 D. 60 w/3 pt., 3010 gas utility, 520.

FARMALLS: used 1586 w/cab fully eq. w/duals, used 500 hrs. like new, 1086 w/Rops, 966 black stripe w/roll guard, 856 w/3 pt. and 38" tires, 1206, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, 766, 1456, 806, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. 504 WF w/3 pt. 460 Dsl. TA, nice, $2275, 400 w/P.S. & F.H., Super C w/cult. and 7 ft. mower, Ford 6000 tri D for $1975.00.

New White 2-105 w/cab $22,850. Oliver 1755 w/cab and air; Oliver 1650 w/R.G.; 1750 w/over and under, 1800 D W.F., 1855, 1850 w/over and under, Ford 2000 w/loader

MASSEY FERGUSON - 1977 - 1135 C.A. low hrs., 1130D, Super 90D for $3400.00.

MF 165D w/heavy duty loader. MF 175D, sharp.

(Case) New 2090 Cab & Air, power shift $23,950; 1977 Case 1070 power shift w/cab enclosure real nice, 1975 Case 970 w/4 post, P.S..

Case 1370 - P.S., Case 970 w/P.S. Oliver 1955 & 1850 D. w/over & under shift 1950T w/cab, 2050, 1855 w/20:8 tires, 1650, Ford 9600 diesel w/dual power and dual wheels, Ford 6600 w/cab, like new, 6000 Commander, D Ford 4000 MM S670 diesel.

COMBINES - JD 7700 Diesel w/Fire Damaged cab. 510 D w/fire damage, N.I. Demo 768 WN 3 row head, N.I. 702 Uni tractors w/combines & 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads, JD 216 & 213 flex heads

IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 955 crawler loader, Case 850 D dozer w/hydrl. blade, Michigan 55B Diesel Payloader, Case 530D. L & B - $4475, Skid Loaders - Bobcat Hydro 720, 700. Ford CL40 Skid Loader

CORN PLANTERS - New & Used 7000 JD 4 row w/Inst., N.H. 354 Gr. Mixer. Used Int. 1250 Gr. Mixer w/elect. scales - nice, Int. 56 Blower for $485.00. Hesston #10 stackhand wagon, N.I. 325 picker w/sheller, NI 324 w/super sheller, NH 36 Flail Chopper like new. New Brillion 22' and 25' fold cultimulchers. Call for old prices.

JD 220 hydraulic fold wing disk; White 252 wing disk. Used JD 453 bean head.

New Case 8 row hydraulic fold cult. used N.I. 272 7 ft. cut/ditioner, JD #930 3 pt. R.H. JD #350 PTO drive 40 ft. elevator.

(New) NH 310 Baler damaged price $1400.00 2 JD 17 disk grain drill, JD 640 rake w/front wheel.

Used Int. 400-6 row cyclo w/Inst. and Monitor for $1800; White 6 row w/no til fert. fill, inst. and monitor, (3 offset Disks) J.D. #360 12 ft., Wilbeck 12' offset like new, Miller 14 ft. offset. JD Disks #210.

Int. #700 six X auto reset, New Bush Hog 12 ft. pull type chisel plow. J.D. #1600 - 16 ft. pull chisel plow. JD, Int. 5, 6, 7 trip and resets. New White 14 ft. field cult., Kawanee 22 ft. Wing Disk Kawanee 15 ft. Roller Harrow.

LOADERS — used JD 58 Used Int. 2350, MF loader for 1105, Int. Fast hitch 3 pt. adapters, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.

(Combines for Parts) JD 7700D, 105, 95 gas, Int. 715D, MF 510.

TRUCKS - 1980 Silverado Chevy diesel w/every option on, 1971 Ford - ¾ ton pickup, 1976 Chev C65 w/7,000 miles w/14 ft. flat, like new; 1977 Delta 44 ft. Combine trailer, (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, Direct cut head JD 3800 & 38. JD 3 row narrow silage head. (20) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

For your needs call:

STITZEL FARM EQ. INC.

East Windsor St.
& Krick Lane
Hamburg, Pa. 19526
Phone Bus. 215-562-8377
home 215-562-7451

FARM EQUIPMENT

SAME Leyland Tractors
AVCO NEW IDEA

FOR SALE

Leyland Model 384 tractor, 72 PTO HP, rebuilt engine, 300 hours on tires, good cond. $3950

(2) 20.8x38 8 ply Pierlli radial tires. New $990 each.

Brillion 11' packer exc. cond., $890

Badger model 205-205 bu. spreader w/2nd beater, in new cond. $2785

NI 214-217 spreader w/hyd. gate, Graetz chain, 9 mo. old, exc. condition, $3085

NI mod. 200 PTO spreader, nice cond. $765

Taylorway 6'4" heavy duty offset disc harrow, 24" blades, new condition $1600

Danuser model BMBH front mounted post driver, exc. cond. $925

Cobey model 4000 forage wagon 14' 3 beater w/roof, with new 8 ton gear, nice condition $1575.

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526

FARM EQUIPMENT

FREE FINANCE ON NEW HOLLAND NEW AND USED HAY EQUIPMENT TILL JUNE 1, 1982, ON FORAGE EQUIPMENT TILL AUGUST 1982.

NH 256 Rake
[illegible] Mtd. 3 pt Mower
NH 518 Spreader w/hyd endgate $1875
Dion Forage Box $1550
IHC 550 Fg. Harvester w/pickup & 2R Adj Heads $995
NH 717 Forage Harvester
NH 880 N3, R2 Cornheads
NH 479 Haybine $2775
MF-NI Mower Conditioner $1295
NH 269 Baler $1185
NH 273 Baler $1850
IHC 37 Baler & thrower $950
NH 269 Baler w/thrower $1650
JD "60" PTO Blower $475

Call for prices on other equipment

SPECIAL PRICES ON NEW

NH 782, 892 Harvesters and Heads
NH L35, L325 Skid Loaders
NH 310 & 320 Balers
NH Mowers, & Rakes
NH 474, 489 Haybines
NH 14, 230, 234 Wagons
NH 513, 519, 679, 800 Flat Bed Spreaders
3200 gal. Spreader with injector

ROYA. BRUBAKER
SALES ★ SERVICE
Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA

Badger OMC AVCO NEW IDEA

USED EQUIPMENT SPECIALS

Tag No.	Description	Regular Price	Cash Price As is Where is
4584	IH 544 Tractor	$7500	$5880
5613	IH 400 Diesel Tractor	1500	1195
5065	MM 5 Star Tractor	2100	1100
4924	Case David Brown 995 Tractor	7995	4600
4612	IH 606 Diesel Tractor Rebuilt	6975	5500
3500	Bobcat Skid Loader, Rebuilt	5670	4200
4074	IH 225 SP Swather	3995	1895
3620	Fox Super 1000 Harvester	2975	1300
3742	5 H P. Electric Motor	200	125
3607	NI 702 Uni Power Unit	6250	3995
4994	NI 760 Uni Harvester	1595	895
1181	NI 762 Uni 2 Row Head	775	485
4828	IH 106 Cub Cadet w/mower	1375	895
4929	IH 169 Cub Cadet w/mower	2875	2195
4935	IH 122 Cub Cadet w/mower	1295	795
4941	Wizzard 14 h p. Tractor w/mower	1299	695
3606	IH Cab Cadet Snow Thrower	500	295
3523	Fox 122 2 Row Head	1175	895
3229	Fox 6T Hay Pickup	375	295
2802	Fox 1 Row Corn Head	675	195
3608	Fox 2CA 2 Row Head	575	395
4123	Fox 3000 Heavester	3995	2500
5257	IH 2 pt hitch Sub Soiler	285	195
5605	Kasco 7' Chisel Plow	995	846
5717	IH 449 4 Row Planter	600	351
5012	JD Grassland Seeder	1280	881
5264	Brady 608 Flail Chopper	890	395
4391	IH 234 Mounted Corn Picker	2900	950
4735	Gehl Forage Wagon	1690	1082
5341	NH M6 Forage Wagon	1195	796

COMING IN...

IH 715 Combine w/13' platform and 4 row corn head
IH 830 Forage Harvester w/pickup and corn head
IH 303 Combine w/platform and 2 row corn head
IH 656 Farmall Diesel Tractor
NI 744N Uni Corn Head
Farmhand Windrow Turner

2% Cash And Carry Discount on All Parts
The Place to Buy New & Used Equipment
CHAMBERSBURG FARM SERVICE, INC.
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HI-PRESSURE
HYTRO PUMP
Build your own washer with a Hytro 0 to 1200 PSI pump Pumps, nozzles, hand guns.
EECO, INC.
Harrisburg, Pa
17110
717-238-9423

FARM EQUIPMENT

Gleaner G Combine w/Grain Table 4 Row Corn Head $15,000
NI 323 Corn Picker $2,750
Gehl Self Unloading wagon $2,000
NH 467 Haybine $1,750
WENTZ FARM SUPPLY
Palm, Pa
215 679 7164

Nelson Diesel, 4 WD, Wheel Loader $4500
DENNIS M. MILLER EQUIPMENT
-Rt 22 Grantville, PA
717-838-1888 anytime
717 469-0937 daily

FARM EQUIPMENT

For Sale AC G w/cultivators & hoers, 2 row corn planter like new & much more equipment for tractor 717-367 4846

Wic bale chopper, 3 horse electric, 220 or 110 used 45 days 215-869-8745

John Bean potato washer JD 494 corn planter liquid fert Both very good condition 215 395 1213

For Sale 800 gallon high pressure pumps for liquid manure handling Ph 717 626 1151 717-872-4565 or 1-800-732-3532

case

Case 600 combine w/402 corn head
Case 425 corn picker mtd on Case 400 tractor
Used Case 1070, 870, 830, 780 diesel tractors
Case 630 & 530 gas tractors.
Case 600 combine

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Sales & Service
CLAIR J MYERS
Lake Rd., Box 241
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Open eve till 9

JOHN DEERE

JD 4230 Tractor QR
JD 4010 Tractor WF
JD 4030 Tractor
JD 4020 Tractor P.S. W.F.
JD 2640 Tractor w/loader
JD 950 Tractor
Farmall 200 Tractor w/ftr. Blade & 2B Plow
JD 1209 Mower Conditioner
JD 485 Mower Conditioner
JD 237 Corn Picker
NI 2R Pull Type Picker
NI Corn Picker w/sheller
JD 1240 4R Plateless Corn Planter
JD 1240 Corn Planter
JD 1240 Corn Planter
IHC 56 Corn Planter w/Liq. Fert.
JD RWA Disc
JD BWA Disc
Athens Disc
JD B Plane 15 Disc Grain Drill
JD 3800 Chopper w/2 row corn hd
JD 34 Chopper w/corn head
JD 6600 Combine, hyd. drive w/platform
JD 6600 Combine w/15' Platform & 443 Corn Head
JD 6600 Combine w/15' Platform & 444 Corn Head
JD 105 Combine w/platform and corn head
Woods C114 Rotary Mower
Woods RM 306 Rotary Mower
Woods 120 Offset Rotary Mower
JD 214 Baler w/thrower
JD 24T Baler w/ejector
JD 24T Baler w/ejector
NI 279 Cut/ditioner
JD 145 6B Plow
JD 325 3B Plow
JD 1450 5B Plow

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

JOHN DEERE — *Nothing runs like a Deere*

THIS WEEK'S SPECIALS
WHITE 4-180 TRACTOR
WHITE 2-155 TRACTOR
NEW JD 4040 THRU 8640 TRACTORS NO FINANCE CHARGE TILL JUNE 1, 1982

USED TRACTORS
White 4-180
White 2-155
IH 656 Hydro.
Case 885, 500 hrs.
JD 2840 w/Loader
JD 2840
JD 720D w/337 Corn Picker

CORNPLANTERS
JD 7000 w/No-Till
JD 1240
JD 1260
JD 494A

HAY & FORAGE EQUIPMENT
NH 1895 Sp Fg. Harvester w/3 heads
JD 35 Fg. Harvester w/N2 head
JD 3800 Forage Harvester w/2RN
Fox 2200 Fg. Harv. w/2 heads
NI 2RN Corn Head
JD 244 Snapper Head for Fg. Harvester
NI Side Rake
NH 1010 Auto Bale Wagon
NH 276 Baler, no thrower
NH 273, 271 & 269 Balers w/Throwers
OMC 9' Mower Cond.
JD 1207 Mower Cond.
JD Hay Crimper
NH 1469 SP Haybine, w/Ford Water Cooled engine
NH 469 Haybines
Hesston 1010 Swing Tongue.

USED TILLAGE
9 Shank Soil Saver

MISCELLANEOUS
15 HP 3 phase elec. Motor
JD 34 Spreader w/ Hydraulic endgate
Davis Scat Back Loader

NEW TRACTORS
JD 4240 SG, Power Shift
JD 4040 4 Post, QR
JD 2440
JD 2240
JD 1050

NEW HAY & FORAGE EQUIPMENT
JD 506 & 1008 Gyamor Mower
JD 1209 Mower Conditioner
NH 718 Fg. Harvester
JD 3940 & 3960 Fg. Harvester
JD 337 Balers
NH 315 & 320 Balers
Bale King Bale Boxes
JD 2420 Sp. 12' Dsl. Mower Conditioner
NH 489 & 495 Haybines
JD 567 Wheel Rake

NEW TILLAGE
JD 950 Roller Harrow
NH D100 Disc Harrow
JD 2600 & 2700 4B Plows
JD 1600 Chisel Plow
JD 115 & 215 Disc Harrows
JD 336 Lever Harrows

NEW SKID STEER LOADERS
Bobcat 530, 642, & 743.

NEW SPREADERS
NH 329, 519,& 791
JD 392 Spin
JD 450 Hydro Push
Martin V Type & Scavenger

JUST ARRIVED
JD 7000 4R & 6R Conservation Corn Planters

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades
EZ-Flo Gravity Boxes

CLEAN ENERGY WASTE OIL BURNER.
Now You Can Burn Your Waste Oil for Heating.
Call for details.

No Finance Charge On New & Used JD Tractors Till March 1, 1982
No Finance Charge On NH - Forage Till March 1, NH Hay Tools Till June 1
JD Hay & Fg. Equip. Till May 1.

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat — NEW HOLLAND

FARM EQUIPMENT

SPECIAL OF THE WEEK
SEE THE BRAND NEW
BADGER MANURE SPREADER
with hydraulic Drive
on Display at
SHOW-EASE STALL CO.

EQUIPMENT FOR SALE OR LEASE
BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers

Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls

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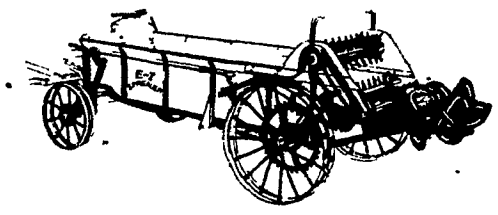
573 Willow Rd Lancaster, Pa.
Ph. 717-299-2536

NEW EQUIPMENT
IH 986 Tractor
#10 flail chopper $3700
Woods rotary cutter, 6' $900
Winco 25 KW generator w/trailer $1850
Bush Hog 5' chisel plow $800

USED EQUIPMENT
AC gleaner combine model CII 14' grain & 4 row corn head $7500
IH 674 diesel
NI 323 corn picker, creampuff $3500
IH 574 diesel utility, low hrs. $7300
IH 544 gas hydro, new engine $5800
NH 469 haybine $2400
IH 400 cyclo planter $3000
Oliver 5F 16" plow $1150
Oliver trail plow, 3f trip, $300
1 NH 68 baler w/thrower $800
Sheller for NI picker $600
IH 234 corn picker
2 MH corn picker $600
NI manure spreader $500
72" Woods under mount mower $500
2- IH 990 mower conditioner, $1975
IH 234 sheller attachment $1325
Kelly loader $400
2 IH 550 forage harvester hay & corn head $2700
IH 540 furrow plow, $1100
Brillion cultipacker, like new $950
2000 loader

DOMBACH EQUIPMENT
McAlisterville, Pa. 717-463-2191

FARM EQUIPMENT



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LESS 2% THRU NOVEMBER
HORSE DRAWN SPREADERS
Steel or Rubber Wheels
Wood Treated Box
Roller Chains on Small Chains
Same Size as No. 10A
Sealed Bearings
Auto Steering Front Axle
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Hollinger tractor co.
749 Rothsville Rd. Lititz, Pa. 17543
717-626-1120 or
Lee Dull (Res) 717-949-3451

CRAWLER LOADERS	
JD 450B w/Rops	$11,500
(2) Cat 955 12A	$6,500
AC HD 6	$4,500
JD 440 Dsl , sharp,	$5,500
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NH 268 w/thrower
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NI Rake
NH 36 Crop Chopper
(2) NH 258 Rakes
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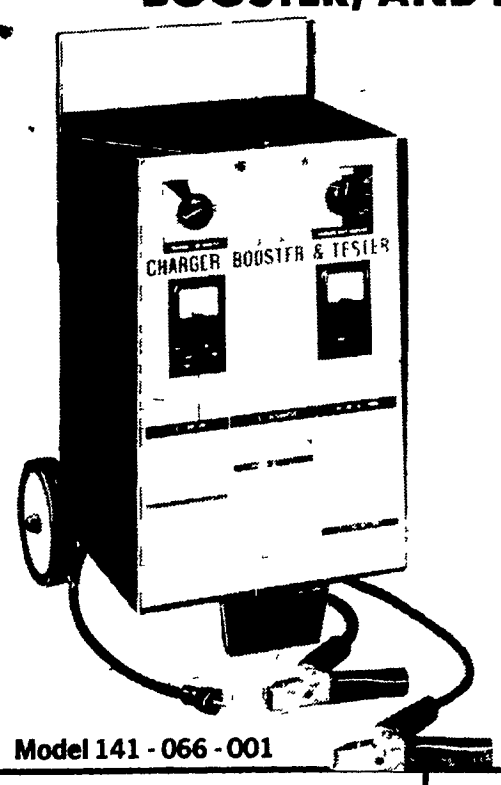

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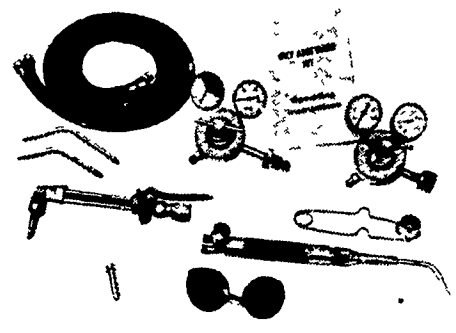

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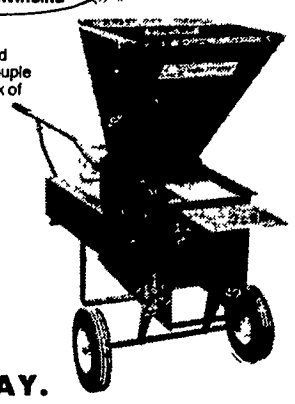

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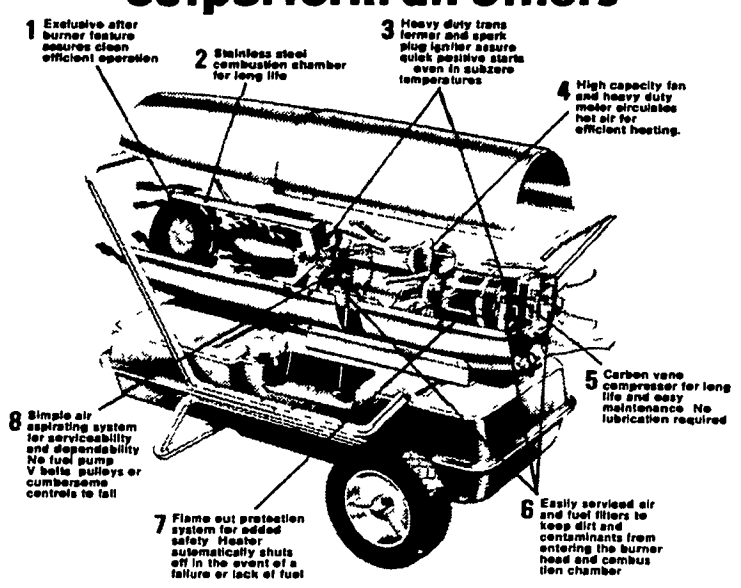
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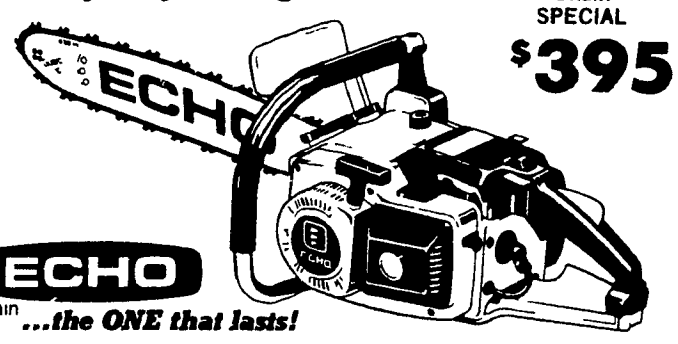

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- NI 323 1-Row Corn picker
- NI No 10 1 Row Corn picker
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- JD No 25 Harvester
- Case 300 Harvester
- Case V 12 Shredder
- JD Chopper
- NH 717 Harvester w/Pickup

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- 3 pt Hookup Mower
- Bale Thrower Wagon
- JD Hay Rake
- NI Hay Rake
- NH 66 Baler

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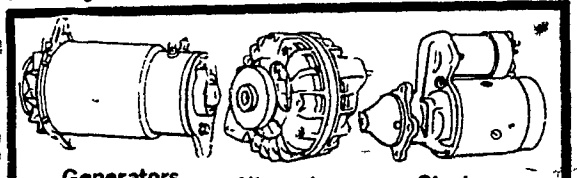

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NH 512 spreader
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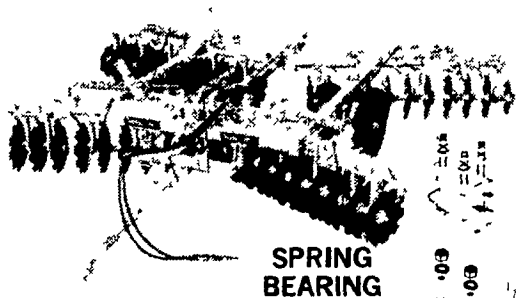

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THE "OTHER ROCK LOVING DISK"
All Sizes,
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Get rid of crop residue in a hurry!

170 inch, 6 row wide with 4 wheel attachment

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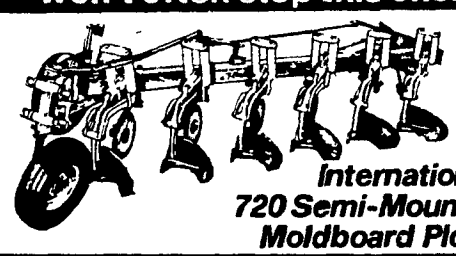

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New NEW HOLLAND MODEL 38 CROP CHOPPER, 1 only $3841 plus Cash Rebate of $300

See The NEW INTERNATIONAL SERIES 88 TRACTOR

Waiver of Finance on all AG TRACTORS till MARCH 1, 1982

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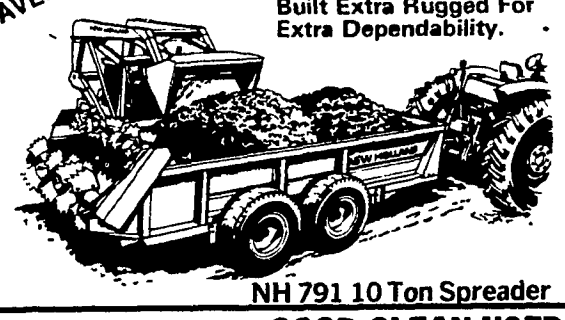
Built Extra Rugged For Extra Dependability.



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Oliver 77 Tractor
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NH 362 Tank Spreader
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NH Self Propelled 818 Diesel Harvester
NH 770 R2 Corn Head
IH 650 2 Row Cornhead and Pickup Attachment
Twin Rower to Pull 2 Rakes
IH 37 Baler w/Thwr
NH 275 Baler w/Thwr
NH Model 850 Round Baler
NH 489 Haybine, Ex
NH Model 495 Haybine, 12 pt ex cond
NH 276 Baler w/58 Thwr
IH 400, 4 Row, Excellent
1200 Gal Aluminum Sprayer Tank
JD 494A, 4 Row Planter
JD 10 Ft Cult Mulcher
JD 12 Ft Cult. Mulcher
JD 1209 Mower Conditioner
IH 7 ft. Sickle Bar Mower, Good Condition
Oliver 3 Bottom Plow
IH 531 Plow
IH 9A Disc Harrow
JD KBA Transport Disc Harrow
Ford 8' 3 pt. Disk Harrow
Grove Forage Box Wagon, Ex. Cond
NI Hay Rake
Fox 3310 Harvester, Super Excellent Condition
N H 676 Spreader 8 Ton Tandem Axle, Hyd Gate Excellent
Brillion High Clearance 7 Tooth Chisel Plow
IH Model 510 16x7 Grain Drill, Ex. Condition
Skid Loader Trailer, Tandem Axle With Brakes & Lights

MESSICK FARM EQUIPMENT, INC.

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RHEEMS EXIT - RT. 283, ELIZABETHTOWN, PA
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WARREN SPICKLER — HOME 653-4560 RAYMOND MILLER — HOME 653-8762
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USED EQUIPMENT

TRACTORS:
- Waiver of Finance on Used Tractors To March 1, 1982

IH 1566 D., Cab & Air, 30 5x32 tires, new TA, Real Nice
JD 4520, 20 8x38 Radials, No Cab
IH 560 Gas, 400 Gas, 300 Gas
IH 706 Gas
IH 656 D. Hydro
IH 350 High Utility
IH 350 Farmall
IH 544 Gas w/2000 Loader
MF 165 Diesel
White 2-85
JD 1010 Gas w/Tricycle Front End
Oliver 1800 Gas, Wide Front End, over & under
Farmall 300 3 ph, real nice

TILLAGE:
IH 760 14' Offset Disc
IH 475 13'5 Disc Harrow
Bush Hog 18' Folding Disc
Pittsburg 12' Disc
Oliver 251 9' Disc, Real Nice
IH 370, 350, 37, 35 In Various Sizes
JD 12' 3-Rank Chisel
JD 1600 12-shank Chisel Plow w/ga wheels
JD F245 H 7-Bottom on Land Plow
Oliver 4-Bot Semi-Mtd Plow
Int 663 6-Row Cultivator

PLANTERS:
4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 Comb. Single Disc, Good Shape!
JD 494-A, DD, 4-Row Planter
IH No. 10 13x7 Plain Drill
IH No. 10 16x7 Single Disc, Comb., Hyd. Lift
IH No. 10 16x7 Single Disc, Comb.
Oliver 24x6 Combination Drill
Oliver 17x7 Combination Drill
MF 13x7 Comb. Drill

COMBINES:
915 Combine, Low Hours, Like New
(2) 844 Cornheads
810 15' Floating Cutting Bar
810 12' Floating Cutting Bar SOLD
- Waiver of Finance to 9/1/82

IH 403 w 4-Row Wide Head & 12 ft. Grain Platform
IH 315, 2-Row Wide Head
IH 205 w/227 Head
IH 203 w/2 Row Head
IH 227 Cornhead, fits 315, 205 or 203
Straw Chopper for Gleaner M

HAY & FORAGE EQUIPMENT:
#8 Flail Chopper, Like New
JD 115 Forage Wagon
Gehl 800 Recutter Blower
Model BN98 Badger Blower
Gehl FBB 88 Blower
38 JD Chopper
550 IH Chopper
36 NH Flail Chopper
33 NH Flail Chopper
(2) 990 Int. Mower Cond., 9 ft.
1014 Hesston Mower Cond
420T Hesston S P
NH 479 Haybine
MF DEO-20 3 pt. Hitch, 5 Bar Rake

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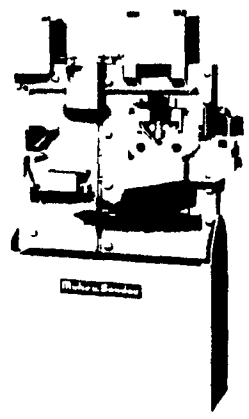

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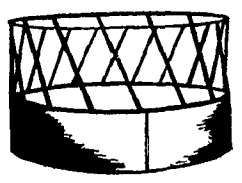

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10% OFF all parts used in engine repairs. Sales & Service

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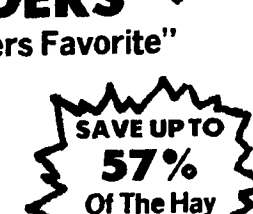

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OIL COOLED WATER COOLED AIR COOLED

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Badger | John Deere | Hesston Farm Equipment

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TRACTORS
MF 65 Gas
JD 520
IH 340
JD 70 Skid Loader

CORN PICKER
IH 1-PR Picker

FORAGE WAGONS
Gehl #610
NH #8 Wood Box
NH #8 Steel Box
JD 216
Badger 16' w/Tandem Axle
Bale Wagons (3)

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Hesston Tank Spreader
NH 512 Spreader
JD 737 13' Rotary
JD 2450 7-Btm. Plow
AC 3 pt. 16" Plow
IH 3 btm Fast Hitch
JD 350 5 Btm. Plow
JD 225 Offset Disk
JD 110 12' Disk
JD 346 Baler w/Thrower
NH 277 Baler w/Thrower

SUPER SPECIAL
NEW GT 370 DRYER
$7850.00
Picked Up At Pikeville

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Hesston 1090 Mower Cond.	$4900.00
Hesston 2000-100 Harvester w/Pickup	$7500.00
Hesston 1070 Mower Cond.	$4500.00
Allied 6x35 Auger No Motor.	$1175.00
Allied 8x51 Auger P.T.O.	$1975.00
Badger 2300 Vac. Manure Tank	$6995.00
JD 465 Flail Spreader	$3975.00
JD 1710A 11' Mulch Tiller	$5500.00
JD 1100 3 pt. 10' Field Cult.	$1150.00

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Berks County's Full Line John Deere Dealer - Serving the Oley Valley 45 years 1936-1981

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MF 4840 Tractor 4 WD $5000 Discount
Used Steiger Bearcat 1 with duals & 28' disc - $29,700
MF 275 Tractor $1500 Discount
MF 265
MF 255
Used 424 Int w/loader - $4800

NEW COMBINES

MF 860 - 1982 MF 850 - MF 540

CHECK FOR SPECIAL PRICES ON THESE COMBINES
White 7300
White 9700 (NY customers take note-this is 4WD!)

NEW IMPLEMENTS

Taylorway 200285 Disc
MF 820 Disc
Taylorway 600054 Disc
MF 925 Haytender
Brady 3270 Cultivator
Brady 1800 Chisel
Kuker 300 gal. Sprayer,
White 25 Disc
Taylorway 600003 Chisel
White 256 Disc
MF 220 Disc
White 5400 Planter Dry No Till
McCurdy 275 Gravity Box Less Gear
McCurdy 230 Gravity Box Less Gear
MF 200 Forage Harvester
MF 260 Forage Harvester
Fox 2310 Forage Harvester
Fox 6354 S/P Forage Harvester, 4 WD - Special Price!
MF 124 Baler
All Sizes New MF Corn Heads Now Available

NEW GT DRYERS NOW AVAILABLE

USED COMBINES:

All Diesels unless stated
MF 760 Turbo 6 1979
MF 760 V-8 1978
MF 750 Turbo 6 1978
MF 510 1977
JD 45 W/Grain Head
OL 525 w/2 row CH 11 Ft Grain Gas
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ALSO LIMITED SUPPLY OF USED CORN HEADS AVAILABLE SO SHOP EARLY

Fast same day parts shipment to your door via UPS.

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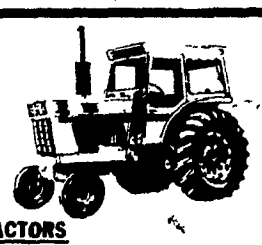

NEW TRACTORS
IH 284D
IH 284D 4WD
IH 484
IH 684 w/loader
IH 884
IH 384
IH 274
IH 584
IH 784

USED HAY EQUIPMENT
IH 990 mower conditioners
IH 46T balers w/#10 thrower
IH 47T baler w/#10 thrower
IH 440W baler w/#10 thrower
IH 47W baler
IH 10 bale thrower

NEW HAY EQUIPMENT
IH 445 W balers
IH #15 bale throwers
IH 1190 9' mower conditioners
IH 1300 7' 3 pt. hitch mower
IH 35 rakes

NEW CULTIVATORS
2 IH 183 4 row Vibra tines

NEW DISC HARROW
IH 122 5'6"
IH 122 6'9"
IH 475 18'7"
IH 501

USED TRACTORS
Farmall C w/loader
Farmall H
Farmall 504
Farmall 544 D
Farmall 806D
Farmall 1066
Farmall A
Farmall M
Farmall 1466 D
IH 354
IH 444
IH 454
IH 454 w/loader

USED COMBINES
IH 503 w/2 heads
IH 815 w/Grain head
IH 205 w/Grain head
IH 615 w/Grain head

USED CULTIVATORS
IH 463 4 row
IH 153 4 row

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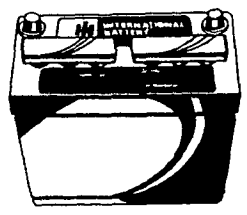

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★ CM1 - Fits Farmall A or H
List $79 — Your Cost With This Ad... $46.61

★ ST2E - Fits 706 Diesel
List $91 — Your Cost With This Ad... $53.69

★ PR3EH - Fits 1066 Diesel
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TRIPLE-R FARM EQUIPMENT

JD 4020 WF side conv. (SOLD)
IH 1456 dual 18.4x38 tires
JD 70 WF PS
Case 830 D (SOLD)
Amco 20' wing disc, new 22" blades
IH 5 btm. 14" semi-mtd. plow
JD rear weights
IH front & rear weights
No Reasonable Offers Refused
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NEW EQUIPMENT

Gehl #1500 3 pt. bale carrier
Gehl 7200 Flail Chopper
Killbros. Model 350 and 375 Grain Boxes in Stock
NI #456 Round Baler (Demo)

UNI EQUIPMENT
802 Power Unit w/Power Assist
818 Combine
767 Super Chopper
813S 13' Flex Grain Platform
768 3 Row Corn Head
840 Feeder House
NI 717 Combine

Bush Hog 1445 Wing Disc 24" Dia. Blades, ¼" thick Width 17' 8", 162 lbs. pr. blade Reduced Price Call and give us an offer.

New Idea #279 9' Cut/ditioner Ideal for chopping fodder Call for special price

Danhuser 3 pt. Log Splitters

See The New Wickless Blue Kerosene Heater We have them in stock

USED EQUIPMENT

UNI EQUIPMENT
NI 713 13' Flex Grain Platform
(3) NI 725 3RN Corn Head
NI 705 Dsl. without Cab
NI 729A Sheller
NI 729 Sheller
Flail Attachment to Fit Gehl 600 & 800 Harvester
NI 701 Uni w/Husking bed and 2 Row Corn Head
Will mix or match any units

USED EQUIPMENT
Oliver Super 77 Tractor w/ sickle bar mower
NI #198 60' 8" Transport PTO Auger
JD #15 Flail Chopper
IHC 5' Flail Chopper for Parts
Good Selection Used NI 1 Row 323 Corn Picker
JD 3800, 1000 RPM PTO Harvester w/2RN Corn Head and Hay Pickup
Ford 3 pt. 9 Tooth Chisel Plow w/gauge wheels
Brillion 10' Pulvimulcher
Gehl #72 6' Flail Chopper w/new Flails
FB 99 Gehl Blower
AC Model A Combine
Owatonna 120 bu. Grinder-Mixer
NI #218 (318 bu.) single beater spreader w/top beater and hyd. endgate
NI 213-217 Sgl. Beater Spreader w/hyd. endgate
NI 325 NR Picker w/329 Super Sheller
NI 2 Row N-Pull Corn Picker w/12 roll husking bed
#314 Sheller Attachment for 324-325 picker

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4020, 95 HP, just overhauled and painted, narrow front end.
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4030 tractor, 90 HP, w/enclosure
3020 tractor 80 HP reconditioned, wide front end.
46A front end loader, good cond.
48 front end loader, good cond.

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Waiver of finance till March 1, 1982 on used tractors

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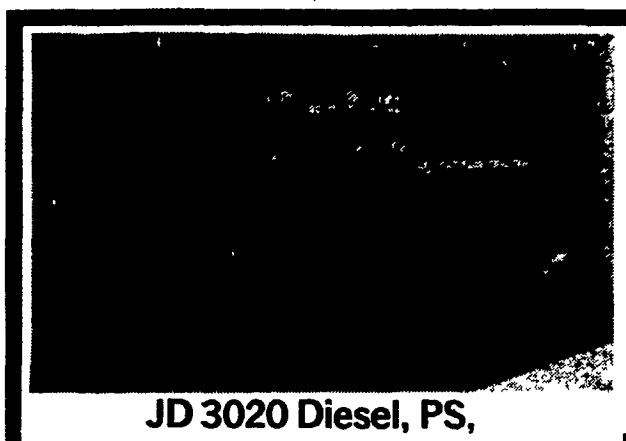
SPECIAL JD FP WAIVER PROGRAM ON NEW JD UTILITY AND USED TRACTORS AND IMPLEMENTS UNTIL 3-1-82

JDFP WAIVER PROGRAM ON NEW JD & USED CORN PLANTERS UNTIL 4-1-82

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICES

SPECIAL JD FP WAIVER PROGRAM ON NEW JD AND USED HAY EQUIPMENT, FORAGE HARVESTERS AND FORAGE WAGONS UNTIL MAY 1, 1982



JD 3020 Diesel, PS,
$7350

SAVE NOW ON THESE USED TRACTORS

WITH NO FINANCE CHARGES UNTIL MARCH 1, 1982

IH 656 Diesel Hydro With Cab
$7995

New Tractors

JD 4640 PS, SG	JD 2440
JD 4240 Quad, SG	JD 2240
JD 2940	JD 2040

Used Tractors

JD 4010 dsl.
JD 1020 Ru Gas w/37 loader
JD 40T
MF 65 dsl.
IHC Cub w/mower

Used Spreaders

NI 206 Gr. drive
NI 207 PTO
NH 327 PTO

ALL USED LAWN & GARDEN EQUIPMENT REDUCED

New JD Utility Tractors

JD 750 w/MF WD w/375 Blade
JD 750 Turf T w/272 Mower
JD 650 Turf T w/160 Mower

Used Loaders

JD 46A loader

Used Corn Head

JD 444 Corn Head

New New Idea Uni-Equip.

743N 3 RN corn head
713 grain platform

Used New Idea Uni-Equip.

705 dsl. power unit w/cab & 767 chopper & 768 RC
767 super chopper
768 w/N3 row RC
769 flail mate
762 2R 30" RC

New Forage Harvesters & Equipment

JD 5820 s-p, cab, power wh. dr.
JD 3940 Harv
JD 16A chopper
JD 716A forage wagon
JD 6500 blower

New Corn Pickers

NI 325/327 2-row
NI 323 1-row

Used Corn Pickers

NI 323 1 row

New Rotary Cutters

JD 506 5' util. 3 pt.
JD 606 6' util. PT

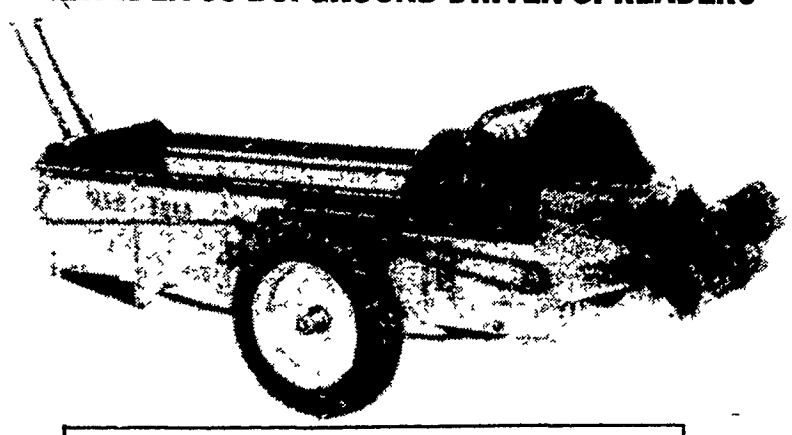
Used Forage Harvesters & Equipment

JD 16 A chopper
JD 15A chopper
AC forage blower
JD complete cutterhead for 5440 sp. harv. used less than 500 hrs.

Used JD Forage Harvester Specials

JD 38 harvester 1000 PTO	$1300
JD 3800 harvester 1000 PTO	$2400
JD 244 Corn head w/adapter plate for 3800 harv.	$2495
JD 3800 harvester 1000 PTO w/2R 30"	$3750

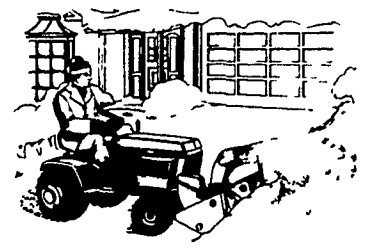
NEW IDEA 95 BU. GROUND DRIVEN SPREADERS



206 New Idea Spreader Available With or Without Steel Wheels For Shipment NOW Order Yours Today.

CALL FOR SPECIAL PRICES

SPECIAL JDFP WAIVER PROGRAM ON NEW JOHN DEERE LAWN & GARDEN TRACTORS & ATTACHMENT UNTIL MARCH 1, 1982



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A capacity-matched John Deere Snow Thrower or Front Blade for your Tractor makes it useful all year 'round

If you don't have a tractor, look over our selection of models from 8-hp to a rugged 19 9-hp See us today for details

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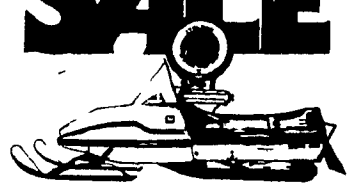

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Case 12x7 Drill	$ 700	Ford 9N Tractor	$ 1150
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Ford 7 ft. pull rotary cutter	$ 495	NI 224 10 ton spreader, PTO	$ 3795
JD RW 28 disc harrow w/new blades	$ 695	JD 54 spreader, PTO	$ 1350
JD BW 36 disc 14' harrow	$ 1295	NI 214, 195 bu., spreader	$ 2795
JD 300 Elev. 28 ft.	$ 495	JD 25 A flail mower	$ 850

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Ford 3000 Diesel
Ford 4000 Diesel SU
Ford 4000 Diesel
Ford 960 Tricycle
Ford 861 Diesel
Ford 860 Gas
Ford 8N
Ford 9N
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Farmall H w/Loader
Case 430 w/Loader
Farmall M
2 cylinder Wis. Engine
Ford 370 Truck engine w/12,000 miles

EQUIPMENT

(2) Landoll Soil Savers 11'
Glencoe 9 Tooth Chisel Plow
Ford 4500 Backhoe Loader, Excellent Excellent
(2) Ford (Demo) Skid Loaders C-L30, C-L40
Massey 82 Combine w/2R Corn Head
New Class Combine w/4 Row Corn Head
Case 666 2RW Corn Head & 11' Grain Head
JD 340 Offset Disc 13'
IHC 8' Offset Disc
(2) Ford 142 Plows, 6 Btms., Auto reset on Land Hitch
Lawn & Garden Tractors w/Mowers

New Holland Skid Steer Loaders At Last Year's Prices

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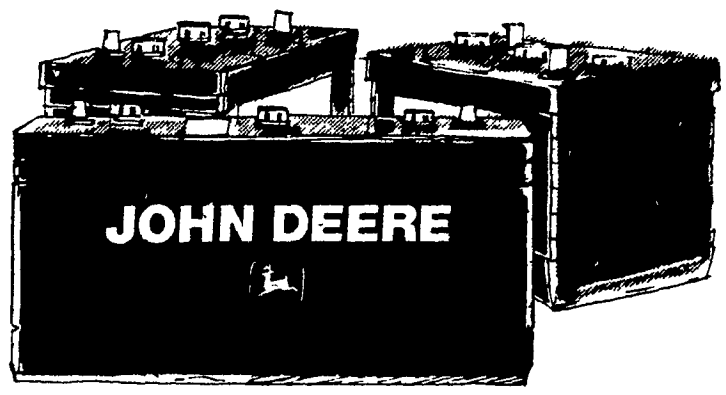
TRADE UP TO A JOHN DEERE BATTERY



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Bring in your present battery, we'll give you credit on it, and an additional discount of 25% toward a new John Deere battery. It doesn't matter what condition your old battery is in, either. We stock conventional and maintenance-free batteries for farm and industrial machines, cars, trucks, snowmobiles, boats, lawn and garden equipment and more. John Deere batteries feature a one-piece cover that reduces corrosion and short circuiting. It's epoxy-bonded to a hard rubber case for durability, long life and easy maintenance.

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DUNHAM HIGH SPEED CULTIVATOR WITH DANISH TINE - In Stock
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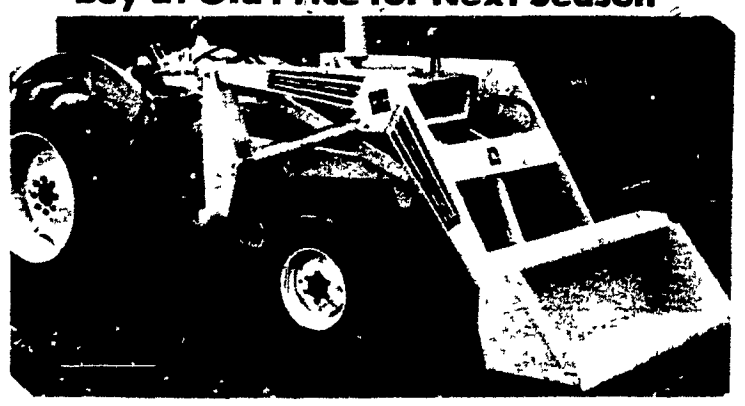

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- Pickup this loader and mount on your tractor and save.

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MULTI-PURPOSE HiLIFT
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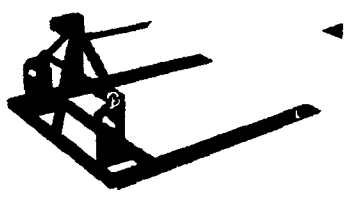
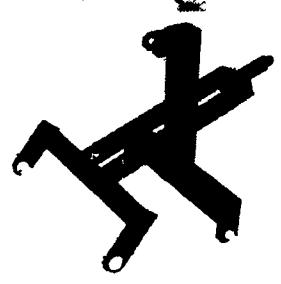
When used with a bale carrier the big bales can be stacked or loaded on trucks When used with a rear scoop wagons or trucks can be loaded with ease The HiLift can be used with any standard Category II implement when a higher lift is desired

IN STOCK

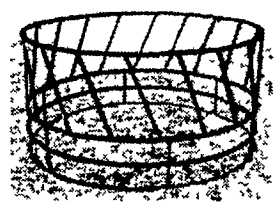


◄ BC-150 3 PT. Hitch Round Bale Carrier, economically priced at: $192.00

HL-200 ►
$261.00



MODEL RF-15 ROUND FEEDER

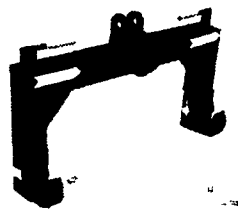


The SOUTHEAST Round Feeders are ruggedly constructed to give years of feed saving service Each feeder makes it possible to feed nearly 100% of your big bales to over 20 head of full grown cows The nearly 100% utilization of feed can more than double your feed dollars

Sale Price $130.00

CATEGORY II QUICK HITCH (Model QH-200)

The SOUTHEAST line of quick hitches feature high strength "square' steel tubing for greater torsional rigidity The hooks are solid one piece flame cut parts for longer life and greater strength The hitches are fabricated with extra large gusset plates for added overall toughness



A Good Heavy Duty Unit for only
$261.35

case

BINKLEY & HURST BROS.
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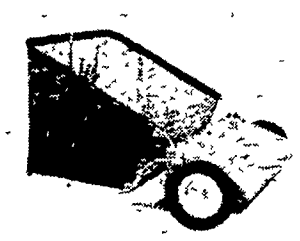
Business Hours: Mon. - Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30

They Do Work!
The 3 PT. HITCH, 1 ROW POTATO PLOW

HEAVY ANGLE TOW BAR
Features:
- FRAME - Welded Construction
- SHANK - 1"x4"
- HITCH - Standard Category 1
- BUSHER SHAPE

Our Low Price
$97.85

TAKE A GOOD LOOK AT OURS!
CASE HEAVY DUTY LAWN SWEEPER



- 11 Bushel Capacity
- Two Stage
- 38" Width
- Positive Gear Drive
- Large Traction Wheels, 3" Wide for Non Slip, (Not a Discount House type unit)

Reg. Price $390

NOW ONLY $258
★ SUPPLY LIMITED ★

Almost New!
WESTENDORF MODEL WL-42
Heavy Duty Quick Attach
FRONT END LOADER
With Large Material Bucket and Mounting Brackets to fit MF Model 175 Tractor

This loader has 3" dia. lift cylinders and is designed for up to 100 H.P. Tractors. Also has quick tach bucket on and off Lift up to 12½ ft. high. Also has 2 spool control valve with hoses
New Selling Price over $5500
Your Buying Price On This Unit Only $2800

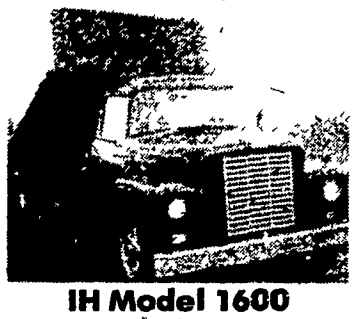
IH 9 Shank, High Clearance
CHISEL PLOW
3 Pt. Hookup, 3 bar with curved shovels
$1180

Good Used 8"x60 Foot MFS Transport Auger with PTO, bottom drive and Flex-i-Boot Hopper, used approx. only 2 seasons, weathered
$1,680

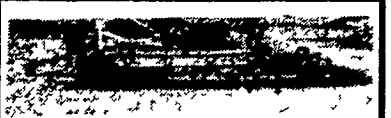
Good Used 530 Gas Backhoe and Loader
TRACTOR
with mechanical foreward and reverse shuttle. Good tires, 24" trenching bucket, ideal for farm work, etc.

1 Only **$5900**

Good Used TRUCK
Ideal for farm use, etc.

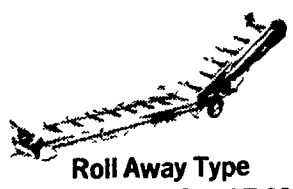


IH Model 1600 Loadstar
With 345 V8 engine, runs good, 5 speed trans & 2 speed rear axle, 8.25x20 tires, 16 ft. flatbed, diamond plate steel over lay floor, twin cylinder telescopic hoist dump
Only **$4850**



Freuhauf Fifth Wheel Trailer
- Air Brakes • 25 ton capacity
- Beavertail
- Tie Down Rings
- Length with Beavertail not including area over fifth wheel is a total of 17'6"

1 Only **$1,800**



Roll Away Type
NEW McCURDY CORN DRAGS
In Stock **$577**

Get Your Alfalfa Seed Bed Ready with a Like New Ford Field Cultivator - Same as Glencoe
- 14 ft wide • Pull Type with extra extensions to make 16-foot included

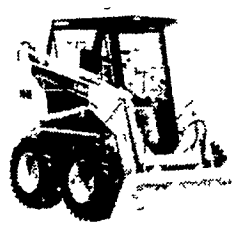
Only **$1,475**

3 Pt. Hookup
YALE HEAVY DUTY FORKLIFT

Lifts approximately 12 feet high and about 2 ton lift capacity with appropriate size tractor
$950

Just Arrived

9 Ton, 3 Axle
TAG-A-LONG TRAILER
Electric Brakes, length of flat part: 15'6", plus length at beavertail at 4 feet, fold up ramps, pin tie type hitch.
1 Only at **$2,250**



NEW CASE 1845 UNI-LOADER
- Hydrostatic drive
- 45 hp diesel engine
- Water-cooled 4 cylinder Case engines
- Self leveling loader
- ROPS, parking brake and tool tach-standard
- 12.00 x 16.5 flotation tires
- Large 80" wide material bucket
- Serial # 9851348

IN STOCK, 1 ONLY **$14,850**

★ 10% Financing for first 11 months, 15% for balance of terms

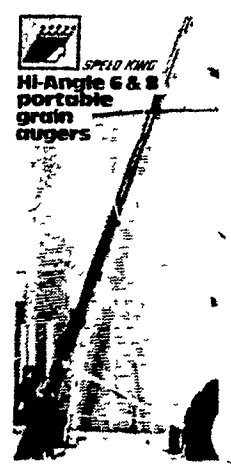
NEW AMCO TANDEM DISK HARROW
- Front & Rear Gangs Double Offset
- 12 ft wide cut w/Rock Flex Bearing Hanger
- 22x¼ Thick Blades • Heavy Duty

1 Only **$4,518.00**

Hidden rocks? Optional Shock-Sorb gets you around the problem! Spring steel "shocks" provide the give that protects blades against rocks and other underground obstructions Helps keep you plowing ahead! Feather disk standard on rear gangs

Rake Your Corn Fodder With A New 3 pt. Hitch
4 WHEEL RAKE
$535

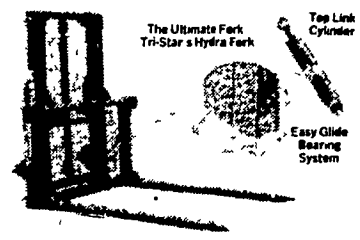
Like New
TRANSPORT CORN ELEVATOR
32 Foot Long with Hopper at Bottom, 1 H.P. Motor, Ready to Go



SPEED KING
HI-Angle 6 & 8 portable grain augers

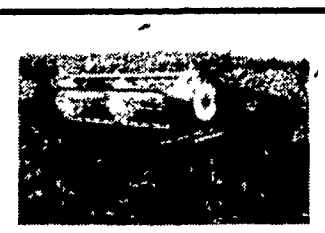
Sizes in Stock:
6"x34' long
6"x53' long
8"x27' long
8"x34' long
8"x46' long
8"x60' long
8"x65' long
10"x41' long

Tri Star Round Bale Stacker



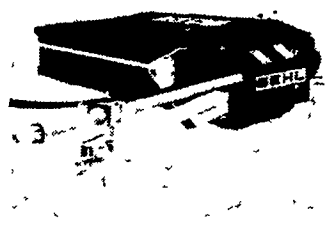
Adjustable Tine Width Makes it Ideal For Moving Anything
MODEL HF-70:
- Lifting Height: 5'6" to 6'
- Adjustable tine width 5" to 44"

$956



IH 990 9 FT. HAYBINE
Only used approx. 175 acres, 1 rubber roll, 1 steel roll, equipped with electric windrow placer.
Original Price was: $3,050
NOW **$2980**
So Buy Now!

SAVE MONEY NOW on a NEW HAYBINE
For Next Spring!
- Save by locking in old price with a no interest plan till May 1, 1982.
- This is one way to beat the 10% price increase.



MODEL 1070, 7 FT.
With Heavy Duty Knife Guards. Full float machine with inexpensive knife guards. You'll like it.
$4700 Trade Up Now!

In Stock... The All New
MODEL 8440 MORIDGE HI-CAPACITY GRAIN DRYER
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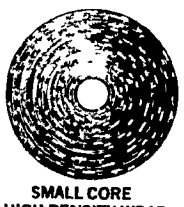
★ Plus Additional Discount for Buying Now
★ Buy at a good savings NOW!
★ 405 Bushel
★ Call us for the outstanding characteristics and specifications on this dryer.

Bale Corn Fodder Now!
GEHL 1850 & 1450 ROUND BALERS
- In Stock, Ready to Go
- Buy Now, Pay May 1, 1982
- We Take Trade-Ins

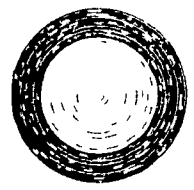
1850
For making large round bales in the 2000 lb plus category the 1850 is your baler It makes bales that are a full 6 feet in diameter and 61 inches wide It s truly the heavyweight among round balers

1450
The 1450 is the perfect partner for custom operators making bales in the 1000-pound range that are 5 feet in diameter and 45" wide allowing bales to be stacked two wide on a trailer

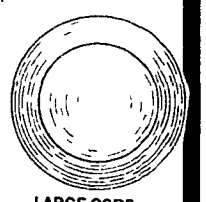


SMALL CORE HIGH DENSITY WRAP

SMALL CORE LOW DENSITY WRAP



LARGE CORE HIGH DENSITY WRAP



LARGE CORE LOW DENSITY WRAP

"air-draulics" The Simple System

Air pressure controls the formation of the bale core The actual size of the bale core is determined by the placement of an easily adjustable hydraulic triggering mechanism Once this trigger is activated hydraulic pressure takes over to control bale wrap The hydraulic pressure maintains constant belt tension on the bale Lower the pressure for less densely wrapped bales Increase it to get densely wrapped bales

Either way you'll get uniformly shaped bales that will stand up to weather retain valuable nutrients

Good Used Dunham
10 FT. CULTIMULCHER
Special **$1325**

MF 13½ FT. TRANSPORT DISK HARROW
$1980

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Perkins Diesel Power Engine
Like New
Owattonna 1700 Skid Steer Loader with auxiliary hydraulic remotes Ready for work, 45 HP
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Hydra Mac Model 18
47 H.P. Industrial Ford Engines, Hydrostatic Drive
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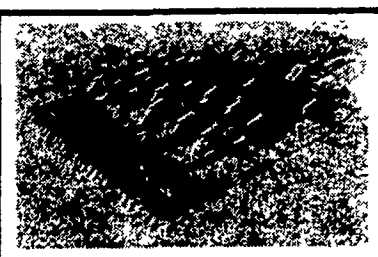
Case 1816 Hydrostatic
16 H.P , weighs approx. 1 ton, Serial No. 9825243
$2950.00

Case 1816 B
1979 Model, Serial No 9846416
$4,250.00

Mustang 1200A
30 H P , Good Cond



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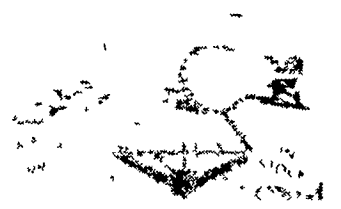
SAVE FUEL, TIME & CHEMICALS
- One-pass seedbed preparation
- Now more than ever this new proven machine makes sense
- Model # SF129, set-up, ready to go

1 ONLY - SPECIAL
$6480.00

New Donahue Implement Carrier Farm Trailer



8' wide by 28' long. Haul your wide machinery and round bales etc
1 ONLY **$2,597**
Less 10% For Buying Now!

Notice: We have Corn Cribs in stock at prices you like!
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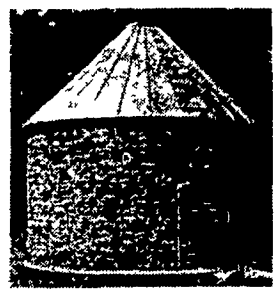

BEHLEN CORN CRIBS
MODEL EXL 15
Approx. 1600 Bushel
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$996.00
MODEL FL 10
Approx 611 Bushel
1 Only
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NEW IDEA CUT-DITIONER
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7 ft Cutting Width
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Ideal In Corn Fodder

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IH 550 Forage Harvester w/2 Heads
Large selection of used balers and haybines

COMBINES

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JD #45 Combine w/2 heads

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Pitman, PA
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FARM EQUIPMENT

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Farmall H, good shape
AC D14
VAC Case w/wide front
Farmall C w/fast hitch, cultivator, & 2 btm plow $1200
Farmall M

MISCELLANEOUS

Disc, plows, mowers, balers, wagons, rakes, harvester grain bins, harrows, pickers, & loaders

COMBINES

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AC 66 pull
IH 203 10', PS
JD 30 auger feed, pull
IH 93 10'
C2 gleaner, 13' grain, cab, field ready $7,000
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4 row wide for 105 JD cornheads available
MF 2 row corn hds, $300
AC & IH harvesters for parts

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IH 2PR 2 row pull type
NI 305 mounted picker
NI 7, $500

DISMANTLING COMBINES FOR PARTS

Gleaner A, C, CII, AC 60, 66, IH 64, 76, 101, 125, 127, 141, 95, 91, 93, 203, 303, 205, 151, JD 12A, 25, 30, 40, 45 round back, 45 square back, 55 round back, 55 square back, 95, 105, MF 80, 90, 26, 27, clipper, 72, 82, 92, 35, 300, 410, 510, Oliver 35, 40, 430, & pull type, Ford SP & pull types. NI unisystem combine, sheller and chopper.

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JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M JD A, B, 50 & 60 AC WD & D17 Oliver 70 & 77 Ford 8N & 860. Case SC & V.A.C. Massey 44D, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler
Dismantling 75 combines for parts

DISMANTLING PICKERS FOR PARTS

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  - 1500 Gal. to 4500 Gal
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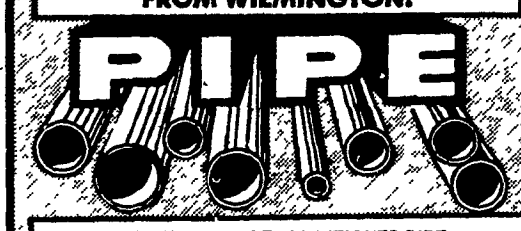

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4400 gas Rotary screen, Massey Ferguson 300 with Quick Tach heads (sharp) 2, 3, 4, 6 row John Deere corn heads, 6 row IH head to fit 815 or 915.

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Used Plows & Disks:

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John Deere 950 15' Mulcher also 12' 950 mulcher. Brillion 18' spring tooth on-rubber. Used year around cab for IH 766-1566. Large selection of Fox choppers & head. Good supply of Fox Parts. Fox 3RN corn head, NI 3RN head for chopper. New Fox flail attachment. New Gehl, Fox & Badger Equip. Gehl 95 mill. John Deere 1240 Plate & Plateless corn planters. Over stocked on lids for Hawk spreaders, exc. cond. JD model 2500 6 btm. 18" auto. reset plow. GSI grain bins and augers.
NI Corn pickers. 2 row wide & narrow

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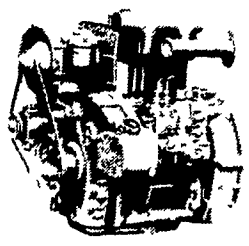
Best Because They Last



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USED TANKS:
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400 Gal Girton
300 Gal Sunset

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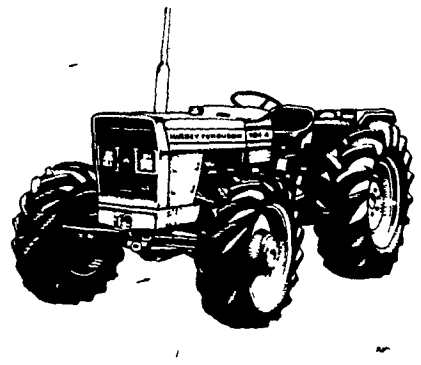
RD #1, Kutztown, PA

Watch for Signs Along Rt. 222 Between Kutztown & Maxatawny

TEST DRIVE THE FOLLOWING EQUIPMENT:

MF 4880 4-Wheel Drive, 320 H.P. Tractor
MF 2675 Tractor
MF 184-4 Four Wheel Drive, 62 H.P., Tractor
MF Discs



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MF Massey Ferguson

TRIPLE H EQUIPMENT

Peach Bottom, Pa.
717-548-2640 or
717-548-2094

Vicon

NEW VERMEER EQUIP.

Call for Fall Discounts or Spring Terms

2-605F Balers, special price
4-504F baler, special price
1-504G baler, special price
1-MC 9 mower-cond., $6250
3-F100 bale feeders, $2495
1-500 gpm irrigation system, mobile equip., soft hose, ½ price - $7400

NEW HAYBUSTER EQUIP.

Avail. for Demonstration, Leasing, Rental and For Sale

2 - Haybuster model no. 1068 no till semi-mtd. grain drills
1-Tye 3 pt. no till drill
1-Bale Buster for mulching lg. round bales

MISC. NEW EQUIP.

4 - Kelly log splitters
2-3 pt 2-engine drive
2 - 600 lb. fert. spreades, $320
1-1450 lb. fert spreader, $780

LAHMAN SKID STEER LOADERS

1-30 hp, 2 buckets, $8000
1-23 hp, 2 buckets, $6200

NEW SHIPMENT VICON EQ.

20% off 1981 prices

1-PTO tedder-rake
3-5 wheel 3 pt. hitch rakes
1-6 wheel trailer rake
2-8 wheel -V- rakes
2-2400 lb. fert. spreaders
2-1900 lb. fert. spreader
2-950 lb. fert. spreader
1-600 lb. fert. spreader
1-8' 3 pt. hitch disc mower

USED & DEMO EQUIP.

1-Vicon 15' power harrow, demo
2-Vicon 8' mower-conditioners, used
1-Vicon 8' mower-conditioner, demo
2-Lely tedder rakes, used
1-Badger manure souper, 10', demo
2-used NH balers
1-SP Hesston windrower

1-605C Vermeer Baler
1-605D Vermeer Baler
1-605E Vermeer Baler
1-605F Vermeer Baler
2-504F Vermeer Baler
1-504G Vermeer Baler Demo

See The New Number 1...
IH 5288 TRACTOR ON DISPLAY AT OUR DEALERSHIP!

ANNOUNCING WAIVER OF FINANCE!

★ WAIVER OF FINANCE TO 3/1/82 ON THESE TRACTORS IN STOCK!
- 1086 Rental • 3788, 3688 & 5288 Diesels
- (2) 584's At Old Price!

HARVESTING EQUIPMENT
Waiver of finance till May 1, 1982
SP Windrowers
Mower Conditioners
Square Balers
Round Balers
Rakes
Ag Mowers
Forage Harvesters

TILLAGE:
735 Vari-Width Plow, 5 Bottom
730 Vari-Width Plow, 5 Bottom
145 3 & 4-Bottom 18" Rollover, Auto Reset
496 Disc Harrow, 19'1", 9" Spacing (New Model)
501 Disc Harrow, 12'5" - Old Price!
315 Packer Mulcher, 20' Folding, Old Price! (1 left)
415 Packer Mulcher, 13', 12' & 10'
5513 13' 3 Pt. Chisel (1 left)
4500 Field Cult., 12' to 21' Folding
5100 Grain Drill, 24x6 with Ga. Wheels
5100 Grain Drill, 16x7 Combination
5100 Grain Drill, 18x7 Plain

MORE WAIVER OF FINANCE...
- To 9/1/82 on New & Used Combines Plus $7,000 Preferred Customer Rebate on Model 1420 Combine
- To 5/1/82 on Planting, Seeding & Cultivating Equipment
- To 3/1/82 on Soil Preparation Equip.
- To 5/1/82 on Hay Equipment
- To 9/1/82 on Forage Equipment
- To 3/1/82 on Materials Handling

★ Warranty Period starts on Waiver Date!

ATHENS DISC HARROWS
In Stock - Ready For Delivery
- Model 131 11'6" Flex Disc
- Model 131 12'5"
- Model 90B 15' Rock Flex

SPRAYING EQUIPMENT:
400 Gal. Stainless Steel John Blue Trailing Sprayer
300 Gal. Poly Tank John Blue Trailing Sprayer
John Blue 4-Ton Trailing Spreader with Hyd Brakes - $3525!

MISCELLANEOUS:
35 Hyd. Rake - Old Price!
2250, 2350 & 2450 Loaders
1250 Grinder Mixer
1350 Grinder Mixer
530, 540, 550, 560 & 575 spreaders

No. 14 5-Shank Auto-Reset
SUB-SOILER
2 In Stock
Waiver To 3/1/82

IH 5000 DIESEL WINDROWER
MUST SELL!
- With 12 Ft. Head

MAKE AN OFFER!!
- Waiver till May 1, 1982

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bobcat® KUBOTA

SPERRY NEW HOLLAND

USED EQUIPMENT

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Oliver 770
Oliver 1650
Oliver 1850
Farmall M

HAYTOOLS
NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
NH 270 Baler w/Thrower
NH 846 Round Baler
NH 68 Baler
NH 275 Baler
Oliver 620 Baler w/Thrower
JD 483 Mower Cond
NH 467 Haybine
NH 469 Haybine

SKID LOADERS
NH L-35, 358 Hours

TILLAGE - PLANTING
White 5400 Planter
MM 4-16 HAR Semi Mtd Plow
JD 1240 4-Row w/Monitor
Ontario 16-7 Grain Drill, 1 Yr Old
IHC 16' Cart Harrow

FORAGE TOOLS
NH Super 717 w/1-Row
NH 717 Harvester w/1-Row
NH 880 R2-2-Row Head

CORN PICKERS & COMBINES
NI 319 w/12 - Roll Bed
NI 324 2-Row w/12 Roll Bed

SPREADERS
JD 54 Spreader
NH 516 Spreader
NH 346 Tank, Lefthand
NH 362 2 Tank, Left Hand
NH 212 Spreader

NEW EQUIPMENT IN STOCK

WHITE
2-30 Two Wheel Drive
2-45 2&4 Wheel Drive
2-62 Tractor
2-105 Tractor
WHITE
543 6R Planter No Till
5100 6R No Till
WHITE 254 10'4" disc

N.H. L425 Loader
N.H. 256 - 258 Rakes
N.H. 707, 718, 782, 892 Harvesters
N H Spreaders - 513, 519, 679 & 800
Vicon 3 pt. Fert Spreader
Bobcat 530, 641 & 743
Tye No Till Drill
Glenco 7' Soil Saver
Morridge 275 Grain Dryer

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Woods M5 3 Pt. Rotary Mower ... $675
Woods M72 PC 3 Pt. Rotary Mower ... $895

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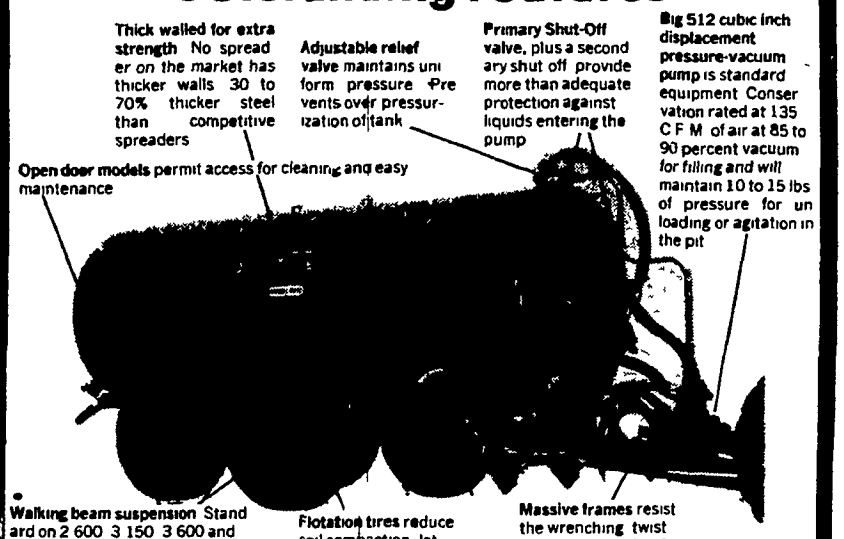
Outstanding Features


Thick walled for extra strength No spreader on the market has thicker walls 30 to 70% thicker steel than competitive spreaders
Adjustable relief valve maintains uniform pressure Prevents over pressurization of tank
Primary Shut-Off valve, plus a secondary shut off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure-vacuum pump is standard equipment Conservation rated at 135 C F M of air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
Walking beam suspension Standard on 2 600 3 150 3 600 and 4 600 gallon models (Optional on 1 500 & 2 100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twisting jolting shocks of hard field usage year after year

USED TRACTORS FOR SALE
1 - JD 4020, good cond.
1 - Ford 4000, good cond.

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

Special - One Only

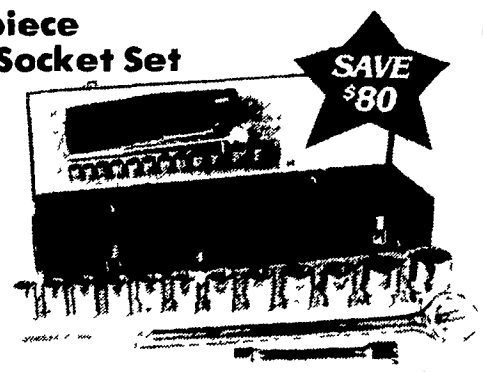
New 3150 gal. vacuum spreader, trailer type w/powerful 727 C.I.D. pump, 1000 RPM & 6" suction hose and loader port.
List price w/freight $17,348
SPECIAL $12,580

CALL US FOR YOUR NEEDS OF
- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

CHRISTMAS SPECIALS

TOOLS - TOOL BOXES

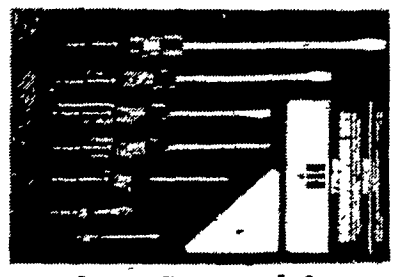
15-piece ¾" Drive Socket Set



International sockets are stronger because they're hot forged from A.I S.I. 4140 alloy steel and heat treated for uniform strength and long wear This set includes twelve ¾" drive regular length sockets (7/8, 15/16, 1, 1 1/16, 1 1/8, 1¼, 1 5/16, 1 3/8, 1 7/16, 1½, 1¾, 1 7/8), 8" extension; 24" reversible ratchet; sturdy metal box. Replacement warranty - if a tool breaks in normal use, return it to the selling dealer for a free replacement. 999 478 R1

Reg. $189.95 (Total individual piece price)

Special **$109.95**



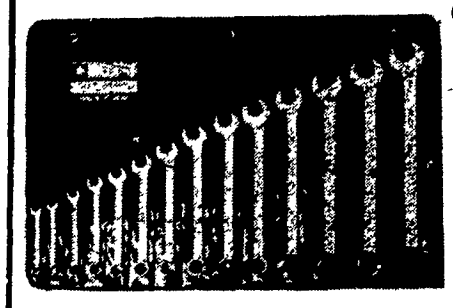
7-piece Screwdriver Set

Includes 4 round blade 6 round blade 8 round blade No 1 Phillips No 2 Phillips stubby screwdriver pocket screwdriver plastic tray 999 355 R1

Regular $21 24
(Total individual piece price)

Special **$11.95**
Savings $9.29

14-piece Combination Set



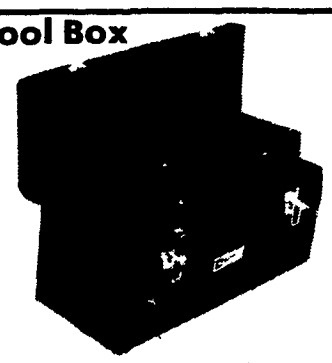
Fourteen Combination Wrenches

- 3/8
- 7/16
- 1/2
- 9/16
- 5/8
- 11/16
- 3/4
- 13/16
- 7/8
- 15/16
- 1
- 1 1/16
- 1 1/8
- 1 1/14 inch
- plastic tool roll

999 546 R1

Special **$79.95**
Savings $40.00

20" Tool Box



This hand box is extremely popular because of its capacity and durable construction It's ideal for both mechanics and heavy-duty use at home A big three-compartment tote tray is included. 20x8½x9½". 1132 059 R1.

Special **$25.99**
Savings $4.00

Tool chest and rollaway make an ideal combination for the farm shop

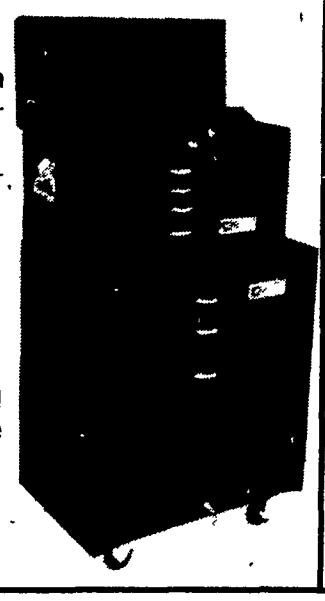
All IH tool chests and rollaways are made with rugged double wall heavy-gauge steel construction with a long-lasting baked-on enamel finish.

Four-drawer chest. Rugged chest measures 26 1/8 x 12 1/8 x 15" 1132 063 R1

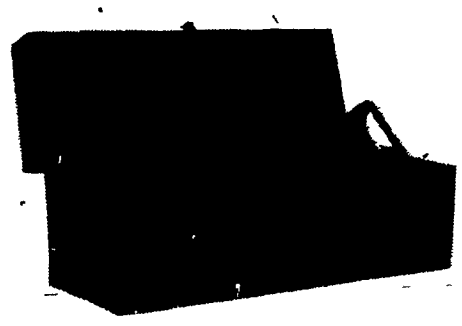
Special **$112.99**
Savings $17.00

Three-drawer cabinet.
Two medium sized drawers, one large one, and a big storage compartment give plenty of space for any use 26½ x 18 x 30 1/8 1132 065 R1.

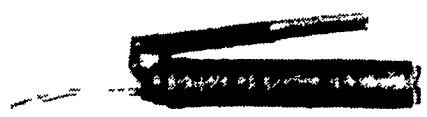
Special **$169.99**
Savings $20.00



Special Christmas Price $9.99



Santa's own hand-carry tool box
Ideal gift for Dad...he'll be able to take his tools anywhere. Has handy tote tray and low profile for easy transport and storage 19 1/8 x 6 x 6½. 1132 079 R1.



Lever-action Grease Gun

1131 055 R1

Special **$5.98**
Savings $1.47

Special Christmas Price 69¢

Oil Can Spout

1131 057 R1

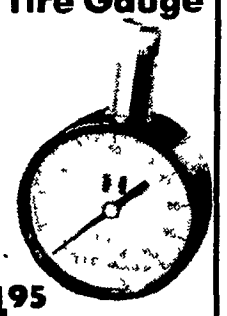
Filter Wrench

999 550 R1

Special **$3.25**
Savings $2.14

Tire Gauge

- Easy to read dial from zero to 100 psi
- Brass gear movement assures accurate reading of tires filled with air or solution
- For farm equipment trucks, autos, campers
- Sturdy construction with unbreakable crystal
- Part number 407 388 R1



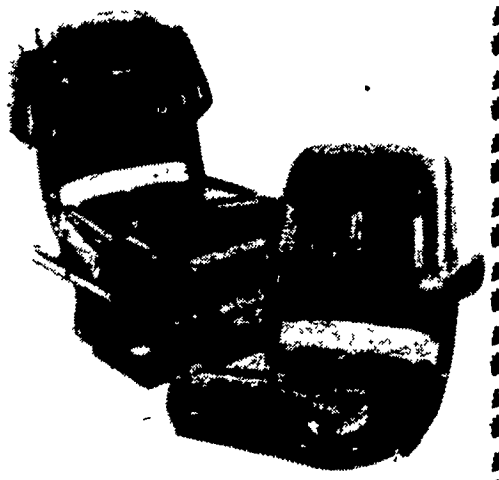
Special **$4.95**
Savings $2.00

Tractor Seats

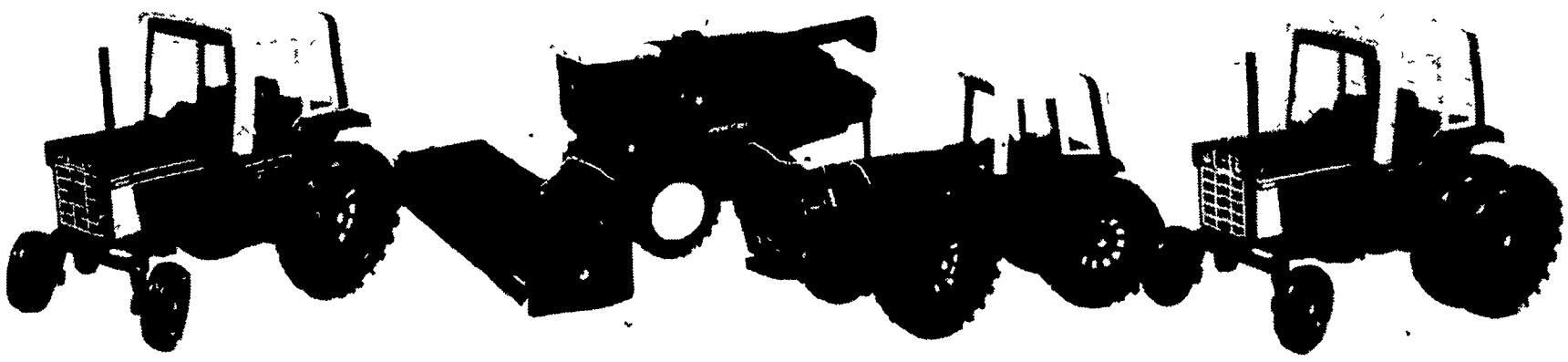
International Harvester tractor seats are specially engineered to fit the contours of your body and to prevent fatigue during long hours in the field.

A Seat with suspension
407 523 R1
$359.95

B Seat for vertical-acting suspension
407 524 R1
$159.95



Fun Gifts For The Future Farmers In Your Family



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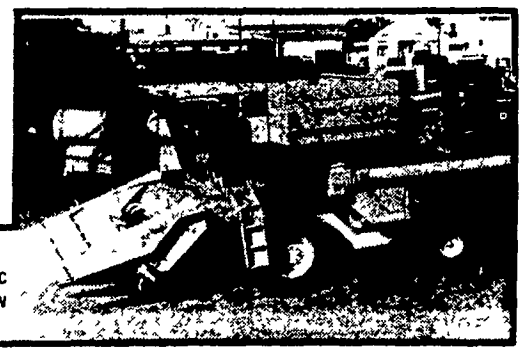
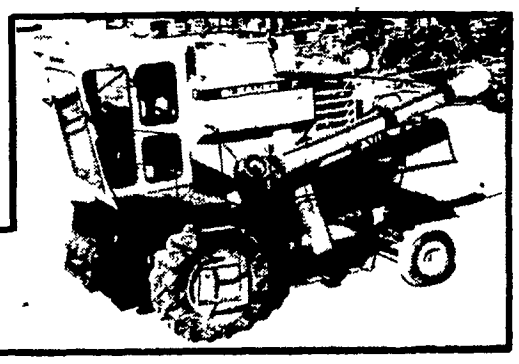
WITH A GOOD USED COMBINE FROM
C.B. HOOBER & SON INC.
IT COSTS YOU MONEY TO WAIT...

1978 NEW HOLLAND TR-70
780 Hours, Ford Diesel Engine, Gear Transmission, Air, Straw Chopper. 4 Row Narrow Cornhead & 15' Platform



1979 NEW HOLLAND TR-70
823 Hours, Ford Diesel Engine, Hydrostatic Transmission, Air, Straw Chopper, 4 Row Narrow Cornhead & 15' Platform

1976 IH 915
Hydrostatic, Diesel, 1000 Hours



1975 AC GLEANER FKS
Diesel Engine, 438 Cornhead & 13' Platform

SAVE BY OWNING ONE OF THESE COMBINES

BECAUSE:
...These Combines are Fully Depreciated
...These Combines Are PRICED RIGHT
...These Combines Were Trade-Ins, (We'll Give You The Name Of The Previous Owner So You Can Call Him)
...These Combines Will Go to The Field And Harvest Your Crop
...These Combines Can All Be Sold With A Waiver Of Finance Till 9-1-82
...MOST IMPORTANTLY YOU'LL GET THAT CORN BEFORE IT GOES DOWN

OTHER USED COMBINES

6817 IH 1460 Axial Flow, 1979, Air, Hydro, Monitor, Automatic, Header Control, Choice of Headers
6988 IH 1440 Axial Flow, 1979, 891 Hours, Air, Hydro, Monitor, Automatic Header Control, Choice of Header
6898 IH 715 Diesel Hydro, 1979, 300 Hours, Air, Monitor, Straw Chopper, 4 Row Narrow Cornhead
5373 MF 300 w/2 Row Cornhead 13' Platform
6098 NH 975 Gas w/2 Row Cornhead & 13' Platform

USED CORNHEADS

6836 IH 883, 8RN
5966 IH 844, 4RW
7064 IH 863, 6RN
6474 IH 844, 4RW
5817 IH 744, 4RW
9493 IH 744, 4RW
4147 IH 744, 4RW
4221 NH 4 Row Wide (Late Model)
3641 AC GKS 44
5887 AC 6 Row Narrow, L

USED GRAIN HEADS

7062 IH 820 Flex 17½'
6803 IH 820 Flex 15'
6899 IH 820 Flex 13'
5799 IH 810 Flex 15'
4639 IH 810 Flex 15'
7000 IH 810 16 5'
5524 IH 810 15'

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Don't Wait Till Spring —
Buy Your Krause Disc Now

Why??

1 - All models in stock NOW
2 - Buy at last years prices NOW

KRAUSE ROCKFLEX DISKS PERFORM

USED TRACTORS

6432 IH F1586D w/Cab
6561 IH F1566 w/Cab
6594 IH 4366 4WD
6580 IH F1086D w/Cab
6530 IH F1086D w/Cab
6180 IH F886D w/Cab
6452 IH F806D
6854 IH F806G
6879 IH F686D, 986 Hours
6186 IH F656D Hydro
7073 IH 1574 Gas Utility
6998 IH 1574D Utility
6702 IH F544D Hydro
7080 IH F560G
5642 IH 1444 Gas Utility
6999 IH 1444 Diesel Utility
6687 IH Farmall H
7059 IH Farmall M
7058 Steiger ST-251 Cougar III, 326 Hours
6510 Ford 4000 Su Diesel Utility
6526 IH 125 C Crawler Loader
7009 Deere 4630 Duals & Cab, 1605 Hours, Powershift
6757 Deere Model A
7025 Deere 4620
7061 Case 430 Diesel
7027 Case 1170 w/Cab
6974 AC 7060 w/Cab, Duals, 1125 Hours

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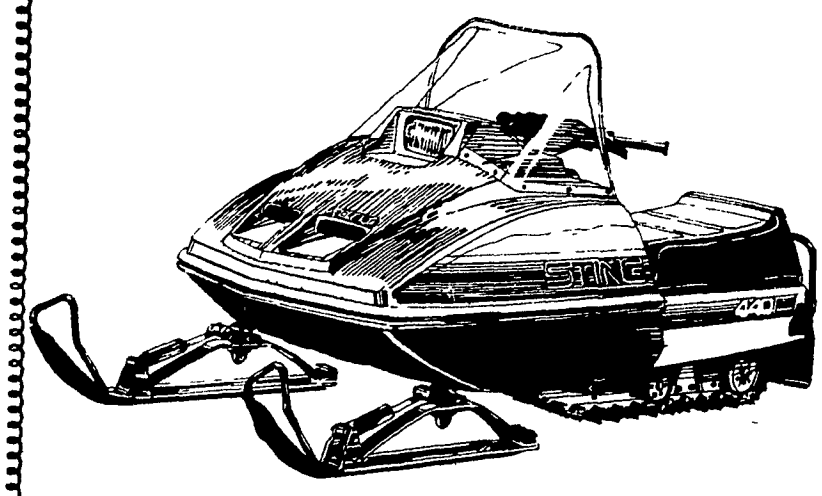
SCORPION SNOWMOBILE SPECIALS



New Sting 440 Para Slide
List $2,149.00 SALE **$1,515.00**

New Scorpion 440 Whip Para Rail
List $2,069.00 SALE **$1,525.00**

New Scorpion TK440 Para Rail
List $2,269.00 SALE **$1,705.00**

New Scorpion TK340 Para Rail
List $2,049.00 SALE **$1,400.00**

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New & Rebuilt

Wisconsin-Kohler-Ford-Deutz-Perkins-Hatz

Engines in Stock for N.H., Case, IHC, Melroe, Owatonna, Ford, Gehl, and others

☆ Large Parts Inventory
☆ Complete Rebuilding
☆ Rebuilt Short Blocks

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Bird-in-Hand, Pa. 17505
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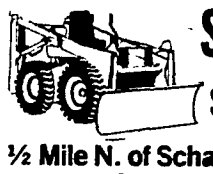
NEW SPECIALS
519 NH manure spreader
310 NH baler
165 bu. and 230 bu. gravity flow boxes
6 ton wagon chassis

USED SPECIALS
717 NH forage harvester w/2 row corn head and pick-up head
MM 2 row picker sheller
Pasqualli tractor w/3 pt. and loader
Beaver II diesel w/under mounted mower
1050 Bolens tractor w/42" mower
Gehl grinder mixer

Ask for special prices on items listed above.

Ford Tractors Equipment

EDWARDS FARM EQUIPMENT
291 W Moorestown Road
Route 512 At Clearfield,
Nazareth, Pa 18064
Phone 1 (215) 759-0240



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SCHAEFFERSTOWN, PA
½ Mile N. of Schaefferstown on Rt. 419
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BACKHOE LOADERS
Case 580B 1975 w/cab	$15,500
Case 580B	$11,500
JD 400, excell. cond., overhauled	$9,000

CRAWLER DOZERS
Cat D8 46A Series, real clean	$42,000
Cat D4 D 40A Good	$11,500
Cat D8 2U Cable	$8500
Cat D6, hyd	$6500
Letourneau pull pan	$1600
JD 350 6-way angle Blade New Undercarriage	$9200
JD 1010 Dsl. w/winch	$5000

CRAWLER LOADERS
JD 450 w/93 hoe	$14,500
JD 450	$9500
JD 450 w/ROPS, good	$12,000
JD 440 Dsl.	$6500
Cat 955H 60A	$12,500
Cat 977H w/ripper	$18,500
Cat 933G, good	$9,500
Cat 933	$6500
IHC 4340 w/ripper	$7200
IH 340 Dsl 4 & 1 Bucket w/Ripper	$7000
IHC TD9	$8200
AC HD5	$3450
AC HD6G runs and operates	$4000
Case 1150 4-in-1 bucket	$6000
Case 350	$7500
Case 450, good	$9500
Case 750, good	$10,000

SKID STEER LOADERS
JD 24	$4800

GRADERS
Huber Wargo Dsl w/Cab	$5000
Galion 118 Dsl w/cab	$6500

ROLLERS
Fordlane Paver, ex cond	$3100
3 Ton Tandem	$2000
1 Ton Roller	$2000
1 to 3 ton Virbra-Pac	$3400
1 to 3 ton Virbra-Pac	$2800
3 to 5 ton Huber Tandem	$5000

TRAILERS
1979 CMI Folding Hydr Gooseneck 30 ton	$29,500
9 Ton Tag-Along	$1400
9 Ton Tag-Along	$2000
9 Ton Tag-Along new heavy duty	$5100
12 Ton Tag-Along	$2000
12 Ton Tag-Along	$2750
15 Ton Gooseneck, S.A	$3500
25 Ton Lacross T/A	$5500
Approx 1½ Ton Tandem Axle Tilt Trailer w/winch	$1200
1 Ton Roller Trailer	$800
New Trailers - All sizes and prices Call	

TRUCKS
1975 Dodge ¼ ton 4x4 clean	$3500
1965 Int. Dump S.A.	$3200
1956 White 18' bed S.A.	$1800
1967 GMC ¾ ton w/utility box	$800
1970 Chevy w/20' bed S A.	$2500
1975 Plymouth Fury 6 cyl.	$2000
1973 Buick Riviera	$1500
1969 Ford sgl. axle dump, good	$6900
1965 Ford ¾ Ton	$450
Int. Scout 4x4 w/plow	$800
Int. Tandem Axle Dump	$4250
B61 Mack Dsl., single axle truck tractor	$3500

AIR COMPRESSORS
LeRoy 105	$3500
Jaeger 105	$2000
Chicago Pneumatic 125, O H	$3000

WHEEL LOADERS
Hough 70, 4x4 3 to 4 yd good	$14,500
Hough 30, 1 yd. good	$5200
Nelson 4x4	$3750

MISCELLANEOUS
MF 180 Tractor	$6850
Ford Corn Planter 2 Row 3 pt	$450
16' Dump Box	$1250
16' Dump Box good	$2450
5 ft Rotary Cutter new	$495
Pavement Breaker 90 lb	$350
Assorted Loader Buckets	
6 ft Angle Scraper Blade 3 pt	$175
Myers Snow Plows Electric/Hydraulic/Angle	$1000
17' Dico BlockUnloader, Complete	$2500
Davis Trencher w/Backhoe 30+4	$7500
Davis Trencher 30+4	$5000
Davis Trencher 300+	$3000

MF Massey Ferguson

M.M. WEAVER & SONS, INC.
LEOLA, PA. 17540 717-656-2321

Located 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

NEW & DEMO HAY, FORAGE & PLANTING
MF 200 Harvester w/2 Row Head (4) MF 1 row Corn Head for 200	@ $900.00
MF 260 Harvester 3 Row Head	
MF 260 Harvester w/Used 2 Row	$6100.00
MF 22 Bale Thrower	$1520.00
MF 925 9' Haybine	$4800.00
MF 37 PT Hay Rake	$1650.00
(2) Farmhand F7 Hay Rake	@ $1995.00
Farmhand M 25 Hay Rake	$975.00
Niemyer Hay Tedder	$1525.00
(2) Mott 3 pt 72" Flail Mower	@ $1500.00
(6) Farmhand Corn Processor	$4500.00
(6) Conveyor For Above	@ $950.00
MF 1050 Grinder Mixer	$5700.00
Farmhand 880 Tub Grinder	$8500.00
MF 468 6 Row Cornplanter	$2588.00
Farmhand 815 Grinder Mixer	$4900.00

USED HAY - FORAGE & PLANTING
New Holland 717 Harvester 1 row & Hay Pick Up	$1400.00
Brady 840 Flail Chopper	$1250.00
MF 1050 Grinder Mixer	$4850.00
Fox 2000 Harvester 2 Row and Hay Pick Up	$1000.00
Hesston #10 Stacker	$3750.00
Brady 1680 Flail Chopper	$2900.00
New Idea 315 Picker Sheller	$1800.00
MF 10 Baler w/thrower	$550.00
Farmhand 5 Wheel Rake	$600.00
MF 12 Baler	$1100.00

TRACTORS USED
MF 1155 8 Sp	$11,000.00
MF Super 90 Diesel	$3900.00
MF 1100 Turbo	$8250.00
MF 1085 M P	$8200.00
MF 178 M P	$4500.00
MF 85 Gas	$2200.00
Case 1370 Cab	$14,000.00
Case 990 w/Loader	$9500.00
Oliver 1600 Gas	$3500.00
MF 6 Riding Mower	$350.00
MF 33 Wheel Loader	$9000.00
NW 71 Skid Steer	$8000.00
MF 14 Lawn Tractor	$1475.00
IH 706 Diesel	$5500

DEMO TRACTOR
MF 4840 4 Wheel	$58,000.00
MF 2775 24 Sp	$29,000.00
MF 2745 24 Sp	$28,500.00
MF 285 M P	$16,500 00
MF 285 M P	$16,500.00
MF 255 M P	$12,200.00
MF 255 8 Sp Hi Cl	$11,900.00
(2) Ind 20C Tractor Cabs	@ $1500 00
MF 220 - 4 Tractors	$7,900.00

NEW & DEMO MISC. EQUIP.
York 6' Scraper	$230 00
(4) York 7' Scraper	@ $250.00
York 7' Scraper	$500.00
York 8' Scraper	@ $550.00
York 8' #100 Scraper	$975.00
York 8' #75 Scraper	$850.00
MF 226 Scraper (3)	@ $460.00
MF 8 10 Ton Gear 11L	$1140.00
MF 7 8 Ton Gear	$775.00
MF 86 12 Ton Tandem Gear	$1525.00
EZ Pincor Gear	$250.00
MF 5 Ton 5th Wheel Gear	$300.00
EZ 672 6 Ton Gear	$675 00
EZ 872 8 Ton Gear (3)	@ $830.00
EZ 1074 10 Ton Gear	$1050.00
MF 236 Q A Loader	$2495 00
MF 216 Q A Loader	$1750 00
MF 32A Loader	$3500 00
Dunham 22 Loader Demo	$1900 00
Dunham 22 Loader (2)	@ $2550 00
Danuser Post Hole Digger	$875 00
Little Giant Corn Drag	$780 00
MF 205 Manure Spreader	$2850 00
EZ 170 Bu Gravity Box (2)	@ $530 00
EZ 220 Bu Gravity Box	$900 00

USED MISC. EQUIP.
New Holland Tandem Axle Spreader	$2000 00
Fert Drill	$125 00
Fontana Loader	$800 00
Century Sprayer	$1250 00

NEW COMBINES - GRAIN & CORN HEADS
In Stock 860 - 850 - 550
540 Combines 2-4 6 row
Corn Heads. 13-15-16-18-20'
Reg & Float Grain Heads
Call for Special Prices
MF 24 - 2 row Corn Head	$2350.00
Profiteer 14' P U. Reel (5)	@ $625.00
Profiteer 15' P U Reel (3)	@ $650.00

USED CORN HEADS
MF 83 8 Row 30" (2)	@ $7000.00
MF 63 C 6 Row 30" (4)	@ $4000.00
MF 63 C 6 Row 30" (2)	@ $2500.00
MF 63 C 6 Row 30" (1)	@ $3500.00
MF 63 6 Row 30" (4)	@ $2100.00
MF 44 4 Row 38" (2)	@ $3500.00
MF 44 4 Row 38" (9)	@ $2500.00
MF 44 4 Row 38" (3)	@ $2100.00
MF 43 4 Row 30" (1)	@ $2500.00
MF 33 3 Row 30"	$2500.00
MF 24 2 Row 38"	$2200.00
MF 422 4 Row To Fit 510	$1200.00
MF 421 4 Row To Fit 410	$1200.00
MF 621 4 Row To Fit 510	$1200.00
MF 322 3 Row To Fit 410	$200 00
AC 435 G 4 Row To Fit CII	$1500 00

USED COMBINES
IMF 760 V8 Hydro Grain & Corn	$48,500.00
IMF 760 V8 Hydro 16' Grain	$34,000.00
IMF 760 6 Cyl. Gear 16' Grain	$19,000.00
IMF 760 6 Cyl. Gear 4 sp Grain	$19,500.00
IMF 510 D 3 sp Grain Table (3)	@ $12,500.00
IMF 510 D Hydro Grain Table	$14,500.00
IMF 300 QA Grain & Corn	$9000.00
IMF 300 Gas 13' Grain	$3100.00
IMF 80 Combine	$600.00
White 7300 Gas Grain & Corn	$17,500.00
White 8600 Gas w/Flex Quick Cut Hd	
IIH 315 Gas Grain & Corn	$7900.00
IIH 303 Gas Grain & Corn	$3900.00
INew Idea 315 Sheller Unit	$900.00
JD 95 Gas 13' Grain 3-30 Corn	$9200.00
Just Traded	
NI 708 Dsl Hydro Uni Systems w/13' Grain Table & 4 Row 30" Corn Husker	

USED GRAIN TABLES
MF 14' w/P U Reels (5)	@ $1900.00
MF 14' w/P U Reels (1)	@ $1200.00
MF 15' w/P U Reels (2)	@ $2700.00
MF 15' w/P U Reels (2)	@ $1500.00
MF 16' Float Bar	$2100.00
MF 16' Offset w/P U Reel	$1200.00
(12) 13' 15'-16 P U Reels	@ $75.00 - $250.00
12' & 14' Pincor to QA (3)	$500 - $1200.00

NEW & DEMO PLOWS & TILLAGE
(2) MF 43 2-14 Plow	@ $1060 00
MF 129 3 pt Chisel Plow	$1375.00
Glenco 7 Tooth Chisel Plow	$4400.00
Amco F17 32 Disc Harrow	$5200.00
Dunham 8 Tooth Chisel Plow	$1600.00
MF 730 Disc Harrow 10'	$4950.00
Yetter 15' Rotary Hoe	$1850.00
Dunham 14' Cultipacker	$1350.00
MF 428 4-38 Cultivator	$1250.00
MF 428 4-38 Rolling Cultivator	$1550.00

USED PLOWS & TILLAGE
IH 550 5 Btm Plow	$1500 00
MF 880 4 Btm Plow	$3500.00
MM 6 16 Hyd Reset Plow	$2350.00
Glenco 9 Tooth Chisel Plow	$3700 00
Dunham 3 pt 10' Chisel Plow	$1600 00
MF 3 pt 2 Bar Chisel Plow	$850 00
Case 5 Tooth Chisel Plow	$750 00
Case 36 Disc Harrow	$1550 00
Brady 12' Field Cultivator	$1200 00
Transport 9' Disc Harrow	$475 00
Tandem 20 Disc Harrow	$250.00
2 Btm Trailer Plow	$75 00
JD 3 Pt 4 Row Cultivator	$500 00

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Case 1070 D
Case 1370 C-A-H
Ford 4000 G
IH 660 D
IH 1066 Hydro
MF 2135 Turf
AC 7040 C-A-H
AC 7080 C-A-H
DB 1200 D
MM Jet Star 3 diesel

LOADERS
Case 380
1530 Uniloader
Uniloader Broom
1830 Uniloader
1845D Uniloader

UNI-SYSTEM
701 Power Unit
708 Power Unit
702G w/combine
767 harvester
762 row crop
760 hay pickup
743 N corn head
730 4RW Head

NEW IDEA
Manure Spreaders
212, 213, 214, 224, 218, 224
325/314 picker sheller
323 one row picker
325/327 Picker
329 Super Sheller

FORAGE
Gehl 600 harvester
J.D. 65 blower
N H. 1880 SP

MISCELLANEOUS
Ford 101 plow
Hesston PT 10
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AC KKS Gleaner w/10' header & 330 cornhead
AC FKS-2 Gleaner Combine, Diesel, 13' Grain Head, Hydrostatic Drive
NI 702 Tr. w/717 combine w/713 S-13' header
IH 315 Combine w/13' grain head & 2 row cornhead
AC C Gleaner w/440 cornhead
(1) MH 82 SP Combine 13' header
2 - MF QT 24 2 row cornhead
NI 728 4-Row Narrow Cornhead

Used Manure Spreaders

NI 244 Manure Spreader w/hyd. end gate (1 yr. old)
NI 224 Manure Spreader (350 bu.)
NH 676 Manure Spreader (275 bu.)
NI 214 Manure Spreader w/3 beater & hyd. end gate
NI 214 Manure Spreader w/single beater & hyd. end gate
NI 214 Manure Spreader w/flail beater
207 Hawkbilt Tank Spreader

Used Tractors

AC 7000 w/cab & Air
AC 5050 w/220 hrs.
AC D15 Tractor
IH 450 Tractor

New Corn Pickers

325/327 2-Row Narrow
324/327 2-Row Wide
323 Single Row

Used Corn Pickers

1 - 324/327 2 row wide picker
1 - 323 Single Row Picker - SOLD
1 - 729 Uni Sheller
1 - Uni Husker w/702 tractor, 727 husker & 723 2 row head
1 - 726 Uni Husker

Misc. Used Equipment

Hesston 310 self propelled haybine
NI 279 Cutditioner
JD 38 Harvester w/2 row wide & pickup
JD FB17 Grain Drill single disk
Brillion 14' transport harrow
NH Super 717 Harvester w/2 row cornhead
767 Uni-Forage Harvester
Int. 2000 Front End Loader w/fork

New Tractors

In Stock - Priced To Sell!
AC 5030 w/turf tires, 26 h.p.
AC 5050 51 h.p.
AC 6060 63 h.p.
AC 7010 w/cab & air & power shift
AC 7010 w/no cab & 18.4-38 tires
AC 7060 w/cab & air & power shift

NI 1500 Gal. Vacuum Tank Spreader $5,595.00	AC 2500 15' Fold Disc Harrow $6,395
FFP 9 9-Tooth Glenco Soil Saver $6,490.00	AC 2500 12' Non-Fold Disc Harrow $4,350
AC 1200 Field Cultivator 16½ ft. Hyd. Fold $2,650.00	AC 2313 13'2" Disc Harrow $3995
Little Giant Rollaway Elevator $650.00	8C 25HP Hydramac Skid Steer Loader with 2 Buckets-Rental Unit $5,995
Model 2000 Series Semi-Mounted 5 Btm. AC Plow $4,095.00	48' Hub Elevator w/Hopper, Grain Discharge Head & Swivel Spout $3,095 Less Motor
AC Model 2600 Fold Disk 16'8" $7,195.00	
AC 333 No Till Special Corn Planter w/Air Unit & Gran. Fert. Row Marker & Monitor Waiver Until 3/1/82 $7,895.00	Artsway Forage Box with Roof 3 Beater, 10 Ton Gear with 11Lx15 Tires $5,195

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We are distributing over a 10 state area for a company which han dles renewed clutch discs and pressure plates for all the major lines of farm tractors and rebuilt TA units and TA parts of IH tractors We have no minimum on quantity and our prices are very competitive For dealer price list or more info please write or call

Rebuilt TA assemblies in stock for IH tractors, New and Rebuilt, Water Pumps, Dynalife clutches, pressure plates, and PTO drive shafts (are spline fitted into pressure plate, IN STOCK for tractors A B C through 1586 also for most models of IH combines

Complete TA assemblies for 706 1586 are priced at $550 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 yrs against failure** Sprag kits (includes sprag gear, Dana sprag & piston carrier) and all items for rebuilding your own TA assembly are available to qualified persons Ramps and carriers for older style TA's (as in SMTA-340-560) are priced at $150 each and carry a 90 day guarantee We have parts needed for TA repair in stock at prices which will save you money Shop is available for complete TA installation or split the tractor yourself and send the center housing to us **Complete rebuilt center housings available on exchange basis or for installation in tractors which did not have TA from factory**

Selling parts from the following
Please have part no when calling if possible

Tractors IH 1066, 806 706G, 616D 450D 460 340, 300 M, SM, W-6 & A JD 520 2020D 60, A B Oliver 1555 G wfront, year round cab
Combines IH 203 JD 30 & 55, MF 35, Uni 701, 702 & 705 tractors also 710 combines & 727 & 737 huskers MF 510 G Quick Tach
Corn Heads IH 429 WN, 430 228 227 328 WN

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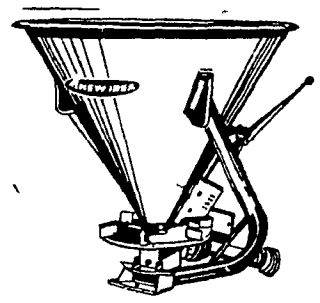

NEW IDEA 106 FERTILIZER SPREADER
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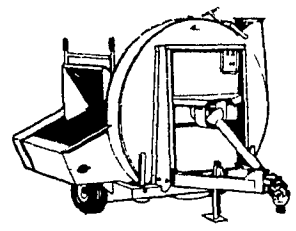
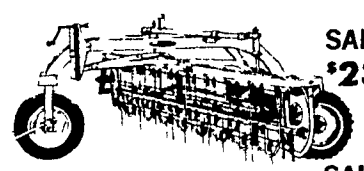
NEW IDEA 272 CUTDITIONER
SALE $3875 — FACTORY REBATE $295



NEW IDEA 621 FORAGE BLOWER
SALE $1925 — FACTORY REBATE $130

NEW IDEA 622 FORAGE BLOWER
SALE $2125 — FACTORY REBATE $145



NEW IDEA 406 5-BAR HAY RAKE - 9½ FT.
SALE $2395 — FACTORY REBATE $150

NEW IDEA 402 5-BAR HAY RAKE — 8½ FT.
SALE $2050 — FACTORY REBATE $125

NEW IDEA 404 5-WHEEL RAKE
SALE $1475 — FACTORY REBATE $85

* Rebates End Nov. 18, 1981

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JD 315 12' Disc

JD 4440 Tractor

TRACTORS

IH 340, Fast Hitch
MF 1080
IH Cub w/Blade & Plow, 2 yrs. old
JD MT
White 2-85

COMBINES

JD 45 w/2 heads
(3) JD 444 Corn Heads
MF 510D w/44 corn head
Coming in
1980 JD 6620 Side Hill w/215 Flexhead & 643 Corn Head

HAY TOOLS

JD 24T Baler
NH 269 Baler
NH 275 Baler
Gehl 600 w/heads
NH 717 Harvester

TILLAGE

JD 2600 5B Spring Reset Plow
JD 2500 6x18 Plow
JD 345 5 Btm. Plow
IH 700 5x18 Plow
Brillion 12' Roller Harrow
Oliver 12½' Wheel Harrow
Ford 10' Disc

MISCELLANEOUS

Oliver #5 Picker
JD 8300 18x7 Drill
Tye No-Till Drill
Ontario 15x7 Hoe Drill
IHC 510 18x7 Soybean Special Drill
IHC 2000 Loader
JD FBB 15x8 Hoe Drill
JD 7000 Conservation 6R planter, used 1 season

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USED TRACTORS

JD 4430 w/Cab
JD 2840
JD 2640 w/Loader
JD 1020 w/Loader
MF 135
Ferguson 30 w/ Snow Blade
IH 300 w/Loader
Ford 4000
Ford 3000D

USED EQUIPMENT

JD 4400 Combine, Gas
Gehl Forage Wagon
JD 6620 Side Hill Combine w/6 Row Corn Head

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NEW COMBINES

JD 6620 Hydrostatic Drive, corn soybean combine, fully equipped
JD 444 Corn Head
JD 215 Flexible Platform

USED COMBINES

1976 JD 3300 Diesel SOLD bine w/244 Corn Head & 213 Flexible latform
1978 AC K11 Combine w/12' Grain Head & 23.1-26 Drive Tires, Robot head controls
JD 55 Combine w SOLD orn head and 12' platform
Oliver 545 Combine w/13' platfo SOLD
AC G Combine w/13' platform, MECHANICS SPECIAL $4000
JD 244 Corn Head

NEW DISC HARROWS

JD 115 11'5" w/Spherical blades..... $3395
JD 210 11'5" w/Spherical blades..... $3650
JD 215 11'5" w/Spherical blades..... $4350
JD 215 11'5" w/cone blades..... $4395
JD 215 12' 10" w/cone blades..... $4695

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7150, 7160
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16' forage wagon
Round Balers. 5540 & 5580
Bale movers
4600 baler w/thrower
Mower Conditioners 1071, 1091
New 7600 Field Queen harvester, & all attaching heads

Allis Chalmers
5040
5045
5050 w/4 wh. drive
5050 orchard tractors
175
6080
6080 4 wheel drive
7010, 7045
7580
Discs 2300, 2500 & 2600 series
New M2 corn plus combine

Kubota
B 6100 w/4 wh drive
B 6100 HST 4 wh drive
B 6100 HST 2 wh drive
B 7100 HST 2 wh drive
L 345 4 wh drive + loaders, mowers, accessories

Bobcat
530
743
310

New Idea
802 Uni System
Uni System Plats.
Combine
Chopper
1 row pickers
2 row pickers
Elevators
Spreaders 213, 214, 212, 243, 244, 245

Allied
GT grain dryer
Moore no till drill

From 8 to 12' Taylorway self leveling cut-a-way discs

USED MACHINERY

AC WD tractor
AC B tractor w/Woods L306 mower deck
AC 185 w/loader
656 IH w/loader
Ford 40 (SOLD)
2- Hydromac Skid Steer Loader
AC C combine w/4 row corn head & 13' grain head
Gleaner L combine w/15' grain hd, 4 row narrow corn hd.
83 Massey combine grain platform w/2 heads
IH 440 baler w/thrower
Hesston 500 SP mower cond.
NI 272 cutditioner
NI 279 cutditic (SOLD)
IH 990 mower cond
NH 1010 bale wagon
White 5 btm. hyd. reset plow
Oliver 4 btm. hyd reset plow
MF 3 btm. hyd. reset plow
NH 717 forage harvester on 1 row hd.
IH 555 forage harvester w/2 hds
702 power unit and chopper and choice of heads
NH 718 with new 1 row head or 2 row and pickup
AC 6' pull type rotary mower
JD 36' elevator w/motor

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GUARANTEED QUALITY USED EQUIPMENT

Would Sell Any Tractor w/or w/o cab IH tractors w/3 pt or fast hitch
IH 806D Clean local trade-in
IH 1256 w/cab & air, nice, clean, original tractor
1968 JD 3020 D, 600 hrs on overhaul, 16 9x38 rubber, roll bar canopy
IH 856D cab & air fully equipped 2900 hrs sharp & original
1970 JD 3020 D Side Console 38" rubber Clean local tractor
IH 826 gear drive, very clean, fully equipped
IH 1066 w/yr round cab new rubber, TA & clutch, new last fall Local tractor
IH 966
IH 706 gas
Farmall M with wide front
Oliver 1850 diesel, Perkins (100 h p), wf, 3 pt
IH 856 diesel, wf, 38" rubber, 3 pt, clean
MF 300 quick attach combine w/cab & air, very clean, 3 row narrow w/13 platform & pickup reel
IH 715 hydro, 4 row narrow hd, 13' platform $8500
Gehl 3000 skid loader w/3 buckets, 360 orig hrs, w/electric clutch shut off
IH 35 hyd driven hay rake
NI 744 4 row narrow quick tach
NI 728 4 row narrow

MISCELLANEOUS

2 cabs w/air to fit IH 06 to 56 series tractors $700 $800
IH heavy duty wide front off of 1456 will fit any 06 to 56 series
New Aerovent high speed crop dryer model XL927, LP gas $600
IH & JD rear & front weights
18 4x34 axle mount duals w/hubs for IH, $500
(2) 18 4x38 axle mount duals
16 9x38 snap on duals
16 9x34 axle mount duals
Year round cabs to fit IH 06 to 66 series
Heavy duty custom made wood splitter w/12 horse Wisconsin engine, SOLD

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Evenings 717-786-4899

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TRACTORS:

MF 180D, WFE, New Rubber . . $7900
Farmall 460 gas, clean . $3985
Oliver 77 . . . . $900
Satoh Beaver 15 hp diesel w/54" mower, 1 yr old . . . . ~~$4200~~ Special $3800
AC 185 diesel, w/cab, 1400 hrs, . $14,500
JD 720 Dsl $3900
JD 630, tricycle . . . $3200
JD 60 w/3 pt. hitch . . . $1800
Coming in...
JD 4000 Dsl. WFE w/cab. $12,500

HAYING:

JD 16A chopper $1800
NI 290 mower-conditioner $1800

MISCELLANEOUS:

JD 680 Manure Spreader, 400 bu, like new . . $5900

FORAGE:

IH 650 w/2XW - Pick Up . $1500
IH 555 w/2XW - Pickup $1400
JD 38 w/2RN . $1800
JD 3800 Long Tongue for Parts $1100

COMBINING:

JD 237 MTD Picker . $1400
JD 42 pull type $1400
JD 40 . . . $2900
Oliver 525 self propelled, w/11' grain & 2 row wide $6000
JD 444 corn head . $5000
JD 6620 side hill w/15' platform . . . $56,000
JD 6600 side hill, hydro, 860 hrs . . . $34,000
JD 643 Corn Head . . $8300

TILLAGE:

Pittsburg 4x16 3 pt. plow. $550
MF 4x16 3 pt. Plow . . $500
JD 310 disc, 12' . . . $4600
White Off-set disc, 11' . $4600
JD 350 5/16 reset plow w/cushion coulters. $3100
JD 145 5/16 Plow . . $1000
JD 950 12' Roller Harrow $2900

PLANTERS:

2 Oliver 540 4 row $600 ea.
JD 7000 4 row wide w/dry fert, no-till . . . $6500
JD 1250 6 row plateless w/monitor $1900
IH Cyclo 4 row no-till . $2500
JD 1240 plateless $1200

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3388 MUST SELL. Call for price
986 w/cab
(2) 686 Farmalls
784 row crop
584 row crop
H84 row crop

IH SHIPPER'S TWINE
"Finest Twine You Can Buy !!"
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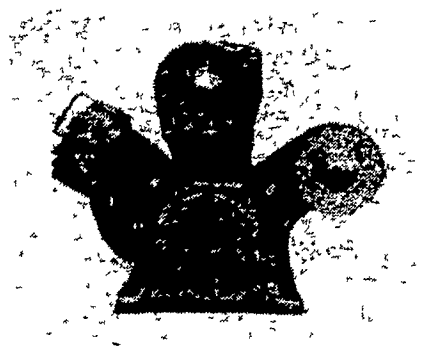
PACE

FARM EQUIPMENT

CURTIS-TOLEDO



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FARM EQUIPMENT

NEW TRACTORS

JD 2940
JD 4040
JD 4440
JD 4640

NEW MACHINERY

1 - Century 300 gal. sprayer
JD 445 Spreaders N/T $3975
1 - JD 660 Spreader N/T $4500
2 - JD 680 Spreaders N/T each $8595
JD 235 17' Disc
JD 235 19' Disc
JD 1207 Mower Conditioner
JD 1209 Mower Conditioner
JD 950 12' Roller Harrow
JD 950 15' Roller Harrow
JD 1250 Plow 3x16 $1800 N/T
JD 1250 Plow 4x16 $2450.95

USED MACHINERY

1974 IH 100 Hydro Tractor Motor overhauled March 1981
2-Chisholm Rider Bean Harvesters w/656 IHC Tractor each $6,000
IHC 400 4R Planter $3500
IHC 400 6R Planter $3500
IH 56 4 Row Planter
JD 145 Plow, 5B 16" $1800
JD 24T Baler w/#30 Thrower $2725
2-18x4x30-8 Ply Tires and wheels for Gleaner Combine
1710 Mulch Tiller $3500

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RD 2 Mifflinburg, Pa.

717-966-3778

JD Agricultural Dealer and CP

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30 Forage Blower 1000 R P M
320 Baler w/Thrower
782 Forage Harvester w/2 Row Head
513 Spreader w/Hyd Endgate
519 Spreader w/Hyd Endgate
791 Spreader w/Hyd Endgate

L325 Skid Loader
L425 Skid Loader
L35 Skid Loader
489 Haybines
355 Grinder Mixer

FREE FINANCE ON ALL NEW & USED HAY EQUIPMENT TILL 6-1-82
FREE FINANCE ON ALL NEW & USED FORAGE EQUIPMENT TILL 3-1-82
CALL TODAY FOR A SKID LOADER DEMONSTRATION

MISC. NEW EQUIPMENT

Woods C-80 Mowers $1850
Woods 208 Mower . . . . . $2500 (Demo)
Little Giant 38' Elevator $2100
E-Z Flow PTO Seeder $305
Shaver H.D. Post Hole Digger $625
Circoloc 18.4x38 Duals $595
Vicon PS600S Spreader $895
Vicon PS202 Spreader $730
Kelley 3 Pt. Log Splitter $585

REDUCED - USED EQUIPMENT - REDUCED

USED 1460 COMBINE, 1978 900 HRS.

JD #340 12' Offset Disc Exc Cond.
50 For. Harvester w/2 Row Head $950
550 For. Harvester w/2 Row Head. . . . $2000
Super 717 w/1 Row Head $1500
JD #34 w/2 Heads, New Knives $1875
488 Haybine - Exc. Cond $4300
469 Haybine - Rebuilt $2400
15 Rake - Rebuilt $925
NI 272 Cutditioner . . . . . Cheap!
JD FBB Drill - Exc $1500
IH 555 Forage Harvester 2 Row Corn Head Exc. Cond. $2200
(2) 2000 Loaders - 656 or 806 . . . . $1200 ea.
NH 273 Baler - Like New $2800
IH 51 F. Box w/roof, heavy gear. Rear unload $1600
Trailer - 16', 6T w/ball hitch, tandem . . . $1400
Farmall (H) w/mtd. Sickle mower - mint cond. . . . . Call for price
John Deere 14' Rotary Mower good for corn . . . . . Call for price
4130 Skid Loader - Rebuilt $4300
Bobcat 610 Skid Loader $3650
1066 w/cab - Nice. . . . . Call for Price
B414 Diesel - Overhauled $4100
JD 2510 - Overhauled $5500
2400 Diesel Tractor w/6 Way Blade. . . . $4900
Many Used Cub Cadets. . . . . From $675
JD 346 Baler w/Kicker $4750
AC 712 Garden Tractor 1 yr. old . . . $1000
Hesston PT 10 Haybine $1700
AC WD 45 Tractor . . . . . Call For Price
Complete Engine For Super A Tractor . . . . . Call For Price
4 Row Narrow Corn Head for 105 JD Corn (SOLD) $1000
40' Little C (SOLD) ator . . . . . Call for Price
Moline Grain Drill - 15x7 Exc. Cond $800
Mohawk 5' Rotary, 3 pt Exc. cond $500
IH 510 Plow w/new Bottoms 4x16 Semi-Mtd.
JD Hayrake Rubber Mtd. Teeth
MF 12 Baler w/Thrower $800

LOOK! IH 1066 FARMALL TRACTOR W/CAB., HYD. CLUTCH, GOOD COND.

LOOK! JOHN BLUE - 8 TON HYD. DRIVE FERTILIZER BODY EXC. COND. NEW STAINLESS STEEL WEB **$2750**

LOOK! JOHN DEERE 340 OFFSET DISC 12' NEW FRONT BLADES GOOD CONDITION. **$2750**

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FARM EQUIPMENT

FARM TRACTORS

JD 4010 diesel, cab
JD 2520 side console
JD 2020 diesel
AC 210 diesel
AC D17 diesel
AC WD 45
JD 3010
JD 730 diesel
JD 720 diesel
JD 630
JD 530
JD 50
Ferguson 30

814-793-4293

bobcat

USED EQUIPMENT

Tractors
Farmall 140
IH I-574 Gas
IH I-656 Gas Hydro
IH F986 D
IH F504
IH F560 Gas
IH F1066 D
IH F300 Gas
JD Cyclone B
MH Pony Outfit with Hydraulics
Ford 8N

Plows
IH 550 5-Bottom
IH 440 3F 16"
IH 531 3F
IH 700 6F Auto. Reset
3F Trailing Plow
Fast Hitch 2 way
MF 3F 16" Mounted
MF 5F 14" Mounted
JD 3F 16" Mounted
Oliver Chisel Plow
JD F125 3F
Ford 5F 18"

Tillage
IH 122 Mtd Disk Harrow
Dunham 10 Ft. Cultipacker
Lely Power Harrow
MF 3 pt. Disk Harrow
McConnel 20' Spring Tooth Harrow with Transport
JD 10 Ft. Roller Harrow

Combines & Cornheads
IH 127
IH 810 15 Grain Head
IH 227 Corn Head
IH 429 Corn Head on 403

Hay Machines
NI 402 Rake
IH 430 Baler
IH 46 Baler w/Thrower
IH 37 w/thrower
IH 420 Baler w/Thrower
IH 10 Bale Thrower
IH 115 Mower
IH 990 9 Ft Mower Conditioner
IH 1190 Mower Conditioner 9 Ft
M C. Rotary Scythe
Kubota 60" Mower
JD Hay Tedder
Myers Hay Crusher
NI Mower
NH 67 Baler
JD 214 Baler

Planters & Drills
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 251, 2 Row Mtd
IH 400 Cyclo 4 Row
JD 494 Planter
IH 10 16x7 Comb Drill
JD 13x7 Drill
JD FB 177B Drill, 17x7
JD 1250 Planter
MF 468 4-R Planter

Pickers
IH 234
IH 2 ME
IH 2 MHD
NI 2-Row Mounted
NI No. 10 Cornpicker

Forage Equipment
IH 16 Harvester w/2 Heads
IH 550 Harvester w/2 Heads
IH 650 Forage Harvester
IH 50 w/PTO Drive
IH 2 Row Wide Row Crop Units
JD 6 Harvester
JD 34 Harvester w/2 Heads
IH 5 Flail Chopper
IH Hay Pickup 550/650
AC 780 Harvester
Fox 546 Harvester
NH 717
IH 42 Blower
IH 56 Blower
NH 25 Blower
Kools Blower

Miscellaneous
NI EGT 100 electric garden tractor
IH 20 Loader For Super C
IH 85 riding mower
IH 147 Cadet w/Mower
IH 129 Cadet w/Mower
Sears 6 HP riding mower
Snow Blowers For Cadets
IH 530 Spreader
NI Spreader
MF 205 Spreader
Waldron Dozer Blade w/IH or JD Mountings
JD Post Hole Digger
Sunmaster B90 Mower
Woods Cadet 60 Mower
Woods RB7 Blade
Woods M5 Rotary Cutter
Walsh 300 Gal. Sprayer
IH 580 Spreader
IH 175 Spreader
IH 550 Spreader

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STARLINE 950 ROTOSPREADER
Only 1 Left At Old Price...
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Located 1 Mile S. of Int. 78 & 6 Miles
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Area Codes 215 & 717
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USED GORMAN-RUPP PUMP

For liquid manure and waste water, pump only or w/gas engine

EECO, INC.

4021 N. 6th St.
Harrisburg, PA 17110
717-238-9423

FIELD QUEEN FORAGE HARVESTERS

NEW HARVESTERS
Field Queen 7655 Side Dump
Fox 6650
Fox 6354
Fox 3310
NI 708 Uni w/717 Combine
Hesston 30B Stacker
Allen 20' Hyd. Rakes

USED TRACTORS
White 2-70 w/Cab & Loader
Oliver 1850 D
White 2-62 4 Wheel Drive
JD 2510 Gas
Ford NAA w/loader
Ferguson 20 w/Sauder loader

USED HARVESTERS

FIELD QUEEN SIDE DUMP, Cat Engine, 3 Row Head & Pickup

NH 1895 Forage Harvester, 4 Wheel Drive, 3 Row Auger Head and Pickup, 283 hours Excellent

NI 702 Diesel Uni
NH 890 3R & Pk. Up.
Gehl Recutter Blower
IH 715 Combine, 13' grain & 3 Row Corn Head
Fox 3310
Fox 3000 Ex. Cond.

USED SPREADERS
NI 224 10 Ton
NI 218
NI 214 & 213

USED EQUIPMENT
Hesston 4800 Big Square Baler
Fg. Wagons, J.D., AC, Grove, NH, Dion
Hesston Stackhand 10
Fox Blower
NI 728 4RN Head
Gehl 6' Rotary
JD 7' Rotary
White 5400 6R No-Till Pltr.
IH Cyclo 500 8 Row No-Till Planter
AC 6R Liquid Planter w/No-Till
AC 15' heavy duty Sgl. Fold Disc
JD 28 Disc Harrow
NI 323 1R Picker
JD 224 T Baler
JD 24 T Baler
Hesston PT10 Windrower
NH 479 Haybine
NI 272 Cut/ditioner
Hesston 320 SP Windrower
Hesston 1014 Hydro Swing Windrower
SS9 Glencoe Soil Saver
NI 710 Combine
Hawk Bilt 2155 Roll Top
Better-Bilt Hi-pressure Vac. Pump
Kools Recutter Blower

STOLTZFUS FARM SERVICE

Cochranville, Pa.
215-593-2407

TRACTORS

Ford 8000 w/dual wheels
Ford 7700 Dual Power
Ford 5000 D 8 Speed Dual Power
Ford 4500 w/Loader & Hoe
Ford 2600 Gas, PS
Ford NAA 12 Speed
Ford 4000 w/Loader
Ford 801 D w/power steering
Ford 9N w/Loader
IH 666 D WFE
IH 504 G, 3 pt.
IH 330 w/fast hitch
IH Cub w/mower
IH M w/loader
AC 5040
AC 160D
AC D17 G
Case 630 w/PS
MF 135 G Live PTO
MF 135D, 8 speed
MF 65 G, PS
JD 3020 D WFE
JD 730 D 3 pt.
JD A w/cultivators
Satoh w/Woods mower

EQUIPMENT

Woods C80 Mower
Ford 532 Baler
Ford 3 pt. Rake
Ford 501 Mower
NI cut/ditioner
NI 323 Picker
NH #7 Picker
MC Flail Chopper
NH Flail Chopper
IHC 13 Disc Drill

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

NEW EQUIPMENT

JD 2240 Dsl. w/FWhD
JD 2940 Dsl. w/FWhD
JD 4440 Dsl. w/Duals
JD 30" 3R Corn head $4595
JD 30" 2R Corn Head $2495
JD 1380 Mower Cond. $8995
JD 506 Gyamor Mower $700
JD 1440 Planter w/80 units $4500
JD 78 Rear Blade 7' $410
JD 2420 SP Windrower $23,475
JD 534 Dozer Blade $2635
JD 3960 Harvester $9955
JD 307 Rotary Mower $800
JD 1250 3B 16" Plow $1320
JD 1608 Chisel Plow $1700
JD F950 12' Roller Harrow $3950
JD 567 Wheel Rake $1275
JD 445 Spreader $4000
JD 485 Spreader $4300
JD 450 Spreader $5645
JD 680 Spreader $8200
JD 336 Baler w/Kicker $6750
JD 235 Disc Harrow 19'11" $11,800

USED EQUIPMENT

JD 3R 30" Corn Head $2895
JD 1R Corn head $650
Hesston PT10 Mower Conditioner $1695
NI 325 picker w/super sheller $5995
JD 344 3R 40" Corn Head $2495
Woods MC80 mower $895
Woods C114 mower $1495
JD 24T Baler w/kicker
JD 38 & 3800 Harvesters
JD 4B F125 Plow
JD 5B 1450 Plow
JD AW 9'10" Disk
JD 494 4R Plate Planter
IH 6R Air Planter w/dry fert.
IH #56 4R Planter
Farmhand Loader to fit JD 1010 & 2010
Brillion 9' Packer
JD 115 Chuck Wagon w/1065 running gear

USED TRACTORS

AC 200

WENGER IMPLEMENT, INC.
The Buck, PA
717-284-4141

GOOD USED EQUIPMENT

F-1256 diesel
IH 205 Combine w/grain & corn h SOLD
IH 570 manure spreader
Used Long mod. 910 diesel tractor, 710 hrs., very good cond. $7400
Bolens model HT-20 hp w/mtd loader w/front blade & rotary mower, good cond
Oliver 770 diesel tractor, tricycle front end, good cond
IH 3 btm. semi-mtd. fast hitch plow
IH #710 4 F auto reset plow
Good used lawn tractors
55 trailing chisel plow
2 Farmall M
One Massey Harris Model 33
One Ontario Model 1200 16x7 single disc grain drill, good cond.

IH 1440 axial flow combine w/1150 hours, excellent condition.

AVCO NEW IDEA

L.L. ECKROTH FARM EQUIPMENT, INC.
RD2, New Ringgold, PA
717-943-2367

JOHN DEERE

USED TRACTORS

1939 JD L w/plow and cultivators
IH 504
JD 4430 w/creeper gear
JD 4240 like new

TILLAGE EQUIPMENT

JD F145 5x16 semi-mtd. plow
JD 4x16 power reset plow
JD 3x14 Mtd. Plow
AC 4 bottom mtd. plow $495
AC 4 bottom snap coupler plow $295

PLANTERS

JD 7000 4 row
JD 1240 4 row
JD 1250 6 row narrow
JD 494 A 4 row
JD 494 and 6 row narrow

SPARAYERS

Walsh 3 pt. 165 gal.

HAY & FORAGE EQUIPMENT

NH 450 3 pt. Mower
JD 24T baler w/ejector
Hesston 4500 Square Baler w/thrower
IH 47 baler

FORAGE EQUIPMENT

NI 603 forage box
JD 34 forage harvester, make offer
JD 3800 forage harvester

CORN PICKERS

NI 324 picker sheller 2 row, like new

SPREADERS

JD 870 A Flail Spreader Tandem Axle 1061 gal. capacity, good cond.
JD 40
JD R
AC PTO

DISC HARROWS

JD RW 28 blade
JD 7' offset pull-type
Case 24 blade

ROTARY MOWERS

JD 1508 15' fold-up

LOADERS

JD 168, Like New
JD 45

SCRAPER BLADES

Stockland 6' $150
Dunham 7'

NEW EQUIPMENT SPECIALS

JD 2640 tractor
JD 4040 tractor
JD 1250 3 btm. plow
JD 2600 5 btm. plow
JD 225 12' offset disc
JD 11' pull-type chisel plow
JD 609 pull-type rotary mower
JD 709 3 pt. rotary mower
JD 1008 10' pull-type rotary mower
JD 51 post driver
JD 1207 mower cond., $4950
JD 1209 mower cond., $6495
JD 1320 disc mower
JD 143 loader, $1595
JD 445 flail spreader, $3725
JD 465 flail spreader, $4295
JD 714A forage wagon
JD 8300 drills 14x7, 18x7 & 21x7
Bushog 5' rotary cutter
Bushog 206 R 6' 3 pt. rotary cutter
Bushog 126R 10' pull-type rotary mower
Brillion 12' spring tooth harrow
Brillion 16' spring tooth harrow
Transport attachment for Brillion cultipacker

COMBINE SPECIALS

JD 205 corn for JD 40 combine
JD 45 w/10' head & 235 corn head
JD 55 w/210 corn head
JD 4400 w/13' grain head

Waiver Available
June 1, 1982

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John Deere Sales & Service
RD2, York, PA 17403
Phone - 717-428-1953

MF Massey Ferguson

FIELD QUEEN FORAGE HARVESTERS

GOOD USED EQUIPMENT

Tractors
AC D17 Diesel
AC D17 Gas
MF 135 Gas
MF 265 Diesel
MF 1080 Cab
MF 1100 Cab
Oliver 660 gas
Farmall 450 diesel

Forage Harvesters
Gehl 600 w/grinder
JD 35 1-row
Hesston 2000

Combines
JD 45 cab, 2 row
MF 300, cab, 1976
JD 3300 diesel cab

Mower Conditioners
Hesston 310 SP
1 Hesston PT10
Hesston 1014 10'
Hesston 1070
JD 1209

Miscellaneous
Gehl 120 Mixall
Shaver 12" digger
Shaver post driver

Hay Harvesting
MF 3 pt. rake
MF 12 w/thrower

Harvesting
NI 324 w/329 sheller

Longenecker's, Inc.
At Clappertown Williamsburg, PA
814-793-3731

ATTENTION!
We have received the new #1 IH 5088 tractor
Please stop in to test drive

NEW SPECIALS

Gehl RB 1600 baler Waiver of finance until 5-1-82	$8300
IH 350 disc harrow 10'6"	$2965
IH 510 plow 4x16	$3050
(3) 2250 loaders	Special Price!

New & Used Planters Waiver of Finance until April 1, 1982

New & Used Hay & Forage Equipment Waiver of Finance to May 1, 1982

New & Used Mixers, Loaders & Spreaders Waiver of Finance to Jan 1, 1982

USED EQUIPMENT:

766 Tractor		$12,400
1066 tractor		$13,800
Ford 740 tractor w/loader		$1975
JD 4020 tractor	10,500	~~$11,800~~
IH 154 Lowboy w/mower		$3250
2001 loader		$650
IH 550, 5 x 16 plow		$1250
IH 4x14 trail plow		$375
JD 12' Mtd. Vibra Shank harrow		$1550
IH 400 Cyclo 4 row planter		$3450
IH 400 Cyclo 4-row planter		$2975
IH 400 cyclo 4-row planter no till		$2750
IH 990 9' mower cond.		$2250
Pincor alternator with trailer		$1495
IH 715 gas combine w/cab, 13' plat., 743 4x30 cornhead	$16,800	~~$17,500~~
IH 403 combine, 4 row corn hd., 13' platform, hydro. drive,	$9,500	~~$11,000~~
IH 470 19' Disc Harrow w/mulcher		$2500
Fox blower		$750
468 4-row cultivator		$850
2 A-Hay Crusher		$95
AC 303 baler & thrower		$1550
IH 15 rake		$635
NH 770 forage harvester w/2 row narrow row hd & pickup hd		$4000
#10 hoe drill		$1950
#10 single disc drill		$2300
Arts-Way grinder-mixer		$1375
Bale wagon		$795

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Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt. 147

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Long One Day Sale
Dec. 9th

LONG

2 IH 1066 w/cab
IH 784 w/cab
4 JD 4020 one w/cab
2 JD 3120
2 JD 2130 1 w/cab
5 JD 2120
4 JD 2020
Used JD cabs for 2030, 2020, 1020
D2 Cat crawler
Jaegar irrigation pump
MF 1080 w/cab
MF 175
New Long 610
New Long 510DT 4 wh drive
New Long 460
New Long 360
New Long traveling irrigation unit
3 Ford 9600, 1 w/cab
Ford 9000
Ford 8600
1 Ford 6600
2 Ford 5000
Ford 4500 backhoe
3 Ford 3000
Ford 841
Ford 772 A loader
Ford 641 diesel
Roadless 95 4 wh drive

¼ Mile East of Exit 6 I-81

FOR SALE

USED TRACTORS

AC 7030 w/cab, (2)-7000 w/cab, (2)-200 w/cab, (2)-XT 190, (3)- 185, (2)-175, 170, 160 w/loader, 5040, 5040 w/loader, D-19 gas & diesel, (7)-D-17 gas & diesel some w/3 pt., D-15 gas 3 pt., D-15 gas snap coupler, D-14, D-12 high clearance w/cultivator, WD 45, B w/2 way plow
Ford 9600, 8000, 5000, 4000, 3000, 2000 w/loader, NAA w/loader, (4)-8N
JD (2)- 4020, 3020, (2)-620
IHC (2)-544D, (3)-574 w/loader, 560 D, 504, 424D w/loader, B 275D, 340, 240, 230, 140, Super MTA, Super M, Super C, Super A, Super AV, 4 cubs
Case (2)-430
MF (2)-235D, 135D w/188 hrs., 165D, 38" tires w/loader, 35, 30, 50

CHOPPERS

NH Super 717- 770, NH 1 row snapper head
Hesston 7020
JD 34

FORAGE BLOWERS

NH 25, 27, 28
JD Cooled & AC
Wetmore grinder blower

BALERS

(2)-JD 336 w/throwers
NH 320, 273, 268 w/throwers
MF 12
Hesston 4500

CORN PICKERS

NI 323 1 row, (4)-NI 325 2 row narrow, (2)-324 2 row wide, 8 & 12 roll husking beds. 314 & 329 Super Sheller attachments.
IHC 1 PR 1 row

MANURE SPREADERS

NI 95, 135, 165, 200 bu. spreaders, ground drive & pto.
JD 40
Hawk 157 tank
Starline 145 bushel
New Starline 200 bu. tanks at old prices.
Martin Scavenger
NI liquid

MOWER CONDITIONERS

NH 489, 479, 478, 477
Hesston 1090 pt 10 & pt 7
JD 1209, 1207
NI MC 7' & 9' cutditioners
Large assortment of tractor snowblades & front end loaders.
Call for your needs.
New & Used 3 pt. snow blowers & rear blades
New & Used double ring tractor tire chains

USED INDUSTRIAL

Log Skidders: JD 440 B, tree farmer C-5D, Prientice log loader
Bull dozers: JD 350 B, 450C w/6 way blade. AC H-3, 4, HD4, 653, IHC 500C w/6 way blade & winch
Crawler Loaders: JD 350 C, AC HD-3, HD-4 & 655
Backhoes: AC 615, 715; Kubota 225, Bobcat 610 skid steer loader backhoe available.
Several used tag along trailers
York rakes
New and Used hay and grain elevators
New hay feeder racks
New McKee corn hogs in stock
Just received new Brillion cultipacker/seeders. Early buyer discounts. Special deal on AC new 5050 tractors, 2 & 4 wheel drive models.

Call For Our Deal Before You Buy & Be Pleased

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Honesdale, Pa. 18431
5 miles east of Honesdale on Rt. 652
Ph: 717-729-7117
Sales & Service AC, NI, Hesston, Kubota

WENGER'S INC.

LONG LONG

TRACTOR WHOLESALERS

SOUTH RACE STREET
MYERSTOWN, PA 17067

DAYS: 717-866-2135
PHONE: NIGHTS: 717-866-7147
OR: 717-273-9089

REASONABLE PRICES FROM THE TRACTOR WHOLESALERS

OLIVER
2050 . . . . . $6000
1950 GM $6500
1855 - Cab. . . $10,000
1800 - 4WD . . . $5900

FORD
7000D - Cab. $7350
(2) 9N . . $1100-$1600
(2) 800 . . . . . $2000
9N w/Ldr. . . . $1950

JOHN DEERE
4430 Cab . . . $15,900
4020D $7500
3020D $5500
820D $2900
MT $1350
4020 Gas $5250
5010 . . . . $6500
4230 - Cab. . $14,500
3020 Gas . . $4900

LONG
N 610DT $10,900
N 560DT. $8700
560DT $4750
N 310 . . . . . $6500
N 310C $6500
N 510 Crawler . $7950
460 DT w/Loader $6900

CASE
1370D . $10,000
930DCK $4200
1470D 4WD - Cab . . $12,000
(2) 930D CK - Standard . . . $2500
(2) 830D CK $4500
930 Standard . $1500
1070 w/cab . $7000
1410 - 600 Hours . $10,750

ALLIS CHALMERS
220D $5500
(2) 5040 . . . . . $4500 & $8500
170D $5200
WD-Wide Front. $1200
D12. . . . . $1700
WD45 . . . . . $1200
G w/Tools . . . $1750
190 XT $3950

MASSEY FERGUSON
1155D $7000
1150D $6200
1105D w/Duals $7800
175D $4500
T030. . . . . $1175
Pony w/cult. . . $1250
MF 50 . . . . . $2500
MF 35 w/Ldr . . $2500

FARMALL
1086D $12,800
1466D Cab . . $13,500
1066D Cab . $10,750
806D . . . $4250
706D German $5900
(3) 706D . . . $3600
(2) 706G . . . $3250
674D w/Loader $7800
656D $5300
300G . . . $1200
Super A. . . $1300
Cub w/cult . $1450
H $785
(4) C . . $850 & up
M. $800
856 w/cab. . . $9250
856 . . . . . $8850
806 w/cab & duals $8000
(2) 340 w/Loader $1700-$2800
2400 w/loader . $6500
404 w/Mower . $3500

NH 850 ROUND BALERS
$4500 - $5250
NH 270 SQUARE BALER
$1950

OLIVER 4WD FRONT END UNIT OFF 1850
$1475

SPECIAL
1200 Bushel Speedy Corn Cribs w/Steep Roofs
$795.00

NEW MACHINERY SPECIALS

4' Pull Rotary Mower $675
5' Free Stall Scrapers $450
Landscape Boxes - Same As Above
7' 3 Pt. Peg Harrow $395
10' 3 Pt. Peg Harrow $495
14' 3 Pt. Peg Harrow $595
3 Pt Fertilizer Spreaders . . $395
6' 3 Pt Landscape Rakes . $495
2 Row 3 Pt. Marker . . $265
7' 3 Pt. Blades $245
6'6" 3 Pt Disc $495
2 Bottom 3 Pt. Plow . . $450
1200 Bu Corn Cribs . . $795
3 Pt Woodsaws . $875
3 Pt Disc "O" Category $295
8 Ton Wagon w/8' Rims & QL Tongue $550
10 Ton Wagon w/8" Rims & QL Tongue $625
12 Ton Wagon w/10' Rims & QL Tongue. . $925
Round Bale Feeders . . $175
Gravity Bins 165 Bushel . $450
70' 3 pt Rotovator . . . $1695

SPECIAL
165 Bu Gravity Bin $450.00

WE HAVE OVER 100 HEADS IN STOCK, CALL US

NARROW ROW CORN-HEADS FOR COMBINES
ON STOCK
INT 833-743-429-733-329
JD 443-334-313-434-643
AC 630-430-330
Oliver 541-703-531
MF 63-43-33-421-321
NH 4x30 QT - 3x30
Case 4x30 - 3x30
NI UNI - 3x30

WIDE ROW HEADS FOR COMBINES
ON STOCK
INT 744-429-329-327-724-229-228-227-25-22
JD 434-334-235-210-234 205-10
AC 440-240-238-435
Oliver 544-531-522-512
MF 44-422-322-24-222-22-20
NH 2x40
Case 4x40 - 2x40
NI UNI 3x40 - 2x40

CORNPICKER SPECIALS

NI 325 30" w/Sheller & 8 Roll Bed $5500
NI 311 40" w/Sheller . . . $1650
NI 324 40" w/Sheller - Rolled Tin $4800
Lots of Sheller & Grinder Attach on Stock
Grinder Attach for NI Pull $1800
NI Super Sheller Unit . . . $1650
NI 3x40 w/Super Sheller $2950
NI 319 w/12 Roll Bed . . . $3000

DRILLS
Int 13 S Disc . . $900
Int 17 S Disc . $1800
Int 18 D Disc . $2000
JD 17 S Disc . $950
(2) JD 17 S Disc . . $850 & $1500

FORKLIFTS
Ford 30' Diesel . . $11,500
JD 2010 . . $5000
Int 340 . . . . $4500
Yale 3000 Lb. . $3500

TRAILERS
1969 Great Dane 35 ton detachable . . $15,750
New HD10 2½ ton . . . $1650
New HSE14 4 ton $1275
New HSM14 6 ton $2000
New HSL14 6 ton $1950
(3) New HTR16 8 ton $2950
1976 Gooseneck 3 axle w/tilt top $4800

CORNSHELLERS
(3) JD 43 PTO . . . . $250 & Up
MM D PTO . . . $375
(3) NI Grinder for Mtd $750
(4) NI Shellers for Pull . . . $300-$1000
(3) IH 234 Shellers . $750-$950

MISC. CONSTRUCTION
Davis DH5 trencher New Diesel . . $13,500
(6) Sweeper attach. From . $95
(40) Used hoe buckets . From $150
(25) Loader buckets . . From $95
New landscape boxes . From $425
(8) Set forklift forks . . From $300
Air Compressor (Garage Type) - Like New 5 HP . . $1750
Mich 35 4WD Loader . . $8500

TRUCK TRACTORS
(2) 1974 Ford Louisville Single - Diesel $8650

LOG SKIDDERS
Franklin 133B w/Log Loader $6250

RAKES & WINDROWERS
NH 479 Haybine . $3000
Gehl Haybine $1250
Case Rake $595
AC Rake . $795

BALERS & STACKERS
JD 336 w/Kicker $3900
NH 270 w/Kicker . . . $1950
Hesston 10 Stacker . . . $3000
(2) Hesston 10 W Movers . . . $750
(2) NH 850 Round Balers $4500 $5250
NH PTO Thrower $700

SPECIAL:
NEW LONG 510 CRAWLER 3 PT. PTO
$7950

DUMPS - CONSTRUCTION
1974 Ford Louisville Single Axle New 9' Dump Body 225 Cat Diesel $13,900
1974 Int 2050 Single Axle New 9' Dump Body 225 Cat Diesel . . $13,900

DUMPS - FARM
1974 Ford Louisville Single Axle New 18' Omaha Dump w/Cattle Racks 225 Cat Diesel . $14,950
(2) 16' Steel Dump Bodies - Complete - Used Less Than 1 Year Excellent . . $4000

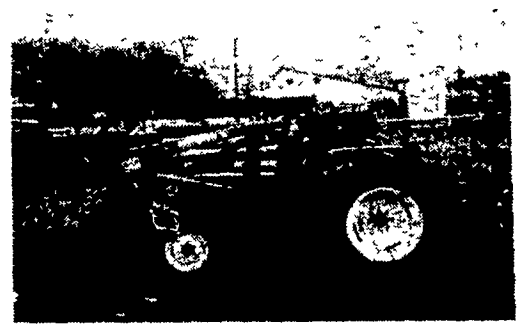
LOADERS
IH 2000 Off IH Utility $800
IH 2001 - Mech Dump $675
IH 2001 - Off 706 $975
Horn off JD Utility $300
Kelley - Off 340 Farmall. . . . $575
Freeman Off Small Ford $575
Pippin - Off IH Utility . . $775
Davis Off MF 35 . $875

DUALS - ALL SIZES ON STOCK

MISC. MACHINERY
Chisel Plows
Long RollBars . $300
NH 352 Feed Mill $2850
Manure Spreaders
Snow Plows
Side Dressers
Large Papec Mill $500
Spike Harrows . . $75 per section
Field Cultivators
Spring Harrows . . $75 per section
Swartz Mixer Cart $1850
1 Row Potato Digger w/engine $495
Lime Drill . . . $295
(2) Rotary Mowers - Approx. 14' . . . $1500-$2500
1X PTO - Potato Digger $695
N H. 354 Feed Mill $3850

BACKHOES
Long 3 pt Hoe-new . . . $4500
Long 5 in 1 w/cab. $17,500
(2) JD 310 . . . . . $11,500
Ware Hoe Attach. . . . $2750
Case 580B w/Cab Extend A Hoe . . $7350
Case Hoe Attach. $2750
JD 9300 Hoe Attach. . . . $5500
3 Pt Backhoe. $2400
Arps 3 Pt Backhoe $3000
IH Hoe Attach. . $1800

CABS
New All Season For 930 & 1030 . $1700
New FV For 1150 MF . . . $1700
New FV For 1085 - 1155 MF. . . $2000
Used For NI Uni System . . $900
Oliver Rollbar $475
Air Cond (New) For JD 33-44 6600 Combine . . $675
Cab Off IH . $403
Combine . $900
Cab Off 3400 Ford . . . $800



LOADER TRACTORS

IH 674 D (pictured) $7800
IH 2400A $6500
IH 340 - Widefront $2800
IH 340 - Trycycle $1700
MF 35. . . . . $2500
Ford 9N $1950
Long 460 4WD. $6900

CRAWLER LOADERS
Cat 941 . . $16,900
Cat 933 . . $8750
(2) JD 350 . . $6500-$7500
JD 450B w/9300 Hoe. $15,900

1978 CHEVY DIESEL PICKUP - 40,000 MILES
$5800 OR OFFER

ROLLBACKS
1979 Int 2500 Tandem 290 Cummings 1110 Trans Jerr-Dan 26 Rollback Built Super Heavy $48,500
1968 Int Diesel - 24 $7500
1976 Ford Louisville Diesel - PS - 5 & 2 - 24 Rollback Nice $23,750

PLOWS
White 6x18 Reset $5000
JD 5x16 Pull . $775
(40) 1X to fit small tractors
JD 1450 6x16. $2150
JD 1450 6x16. $2950
JD 1450 6x18 $3350
IH 720 5x20 Reset $5000
(2) JD 2600 4x Reset New $5000
IH 6x16 Reset . . . $2800
JD 2600 7x18 On Land Spring Reset $6000
1x 2x pulls on stock
Lot of 3x and Smaller Plows
MF 3x Rollover $1250

DISC'S
Int 36 w/wings $4500
Int 44 w/wings $4500
Long Offset. $4000
Wilbeck Offset $4500
(2) Int Cubs - Rebuilt $495
JD KBA 28 Rebuilt . $750
IH 28 FH - Rebuilt $750
(2) IH 44 Blade Rebuilt $1800 - $2000
(2) IH 40 Blade Rebuilt $1800
(3) IH 36 Blade Rebuilt . . . $1800
(2) Cub - Used. $400
Oliver 36 Blade Wheel . . $1500
(14) 6'6" 3 pt. - New $495
White 32 Blade. $1700

SKID STEER LOADERS
Case 1740 Diesel $6800
Melroe 500 . . . $3500
OMC $3500

COMBINES
(2) JD 40's . . . $1600
MF 35 Pull . . $2500
IH 203 . . $1675
IH 403 . . . . $3000

COMPLETE RUNNING GAS & DIESEL ENGINES
50 On Stock - Call

ELEVATORS
King Wyse Corn Drag $395
Mayrath - 32' . $600

HARVESTER & HEADS
NH 707 - 3 pt - 1 Row Chopper
NH 717, 1X-2x30 - 2x40 Heads
NH 717 P U & Cutterbar Heads
NH 890 Chopper
NH 880-890, 1X-2x40, 2x30, 3x30 Heads
NH 818 P U. Head
NH 616, 1X, P.U , Cutterbar Heads
JD 38 Chopper
JD 35-38-3800, 1X-2x40 - 3x30 Heads
JD 35-38-3800, P.U. & Cutterbar Heads
JD 34, 2x30, P.U., & Cutterbar Heads
IH 555 Chopper
IH 50 to 650, 2x30 - 2x40 Heads
IH 50 to 650, P.U , & Cutterbar Heads
IH 15 to 350 P.U. & Cutterbar Heads
Fox Chopper
Fox 1X - 2x40 - 2x30 - 4x20 Heads
Fox 2x30 - 3x30 Snapper Heads
Fox P.U. & Cutterbar Heads
AC 720 Chopper
AC 720 2x30 & P.U. Heads
AC 780 P U. Heads
Gehl 2x30, 2x40, P U , & Cutterbar Heads
Case P U Heads
Hesston P U. Heads

NI UNI SYSTEMS
701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
3x30 Cornhead
Combine Grainhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
705 Diesel w/cab
760 Chopper

FARM EQUIPMENT

USED TRACTORS

FORD 8N w/wood saw
FORD 3000 Diesel, 8 Spd.
FORD 4000 Gas w/ loader
FORD 5000 8 spd. Diesel
IHC 454 Diesel w/ loader
IHC 856 Diesel
JOHN DEERE 3020 PS
JOHN DEERE 4020 PS, Side Console
MF 175 Diesel w/ loader
OLIVER 770 Gas
OLIVER 1850 Diesel, 3 spd
CASE 1030 Comfort King (nice)

NORMAN R. SHORES TRACTOR
R D 5, Towanda, PA
717-265-9014
No Sunday Sales

JOHN DEERE

SPECIAL CLEARANCE BUYS

NEW JOHN DEERE EQUIPMENT

2040 Tractor
336 Baler w/ejector
HD 336 Spring Tooth Harrow
1207 Mower Conditioner
1209 Mower Conditioner
2500 4B Hyd. Reset Plow
660 Rake
C81 Spin Spreader
714 Chuck Wagon
1065A Running Gear
1075 Running Gear
1710 Mulch Tiller
Waiver of Finance on New Utility Tractors and Equipment sold with tractors. Also Lawn & Garden Tractors

OTHER EQUIPMENT AVAILABLE

JD 45 Rear Blade 7'
JD 88 Rear Blade 9'
Bush Hog RM30 Rear Blade 6'
Bush Hog 1123-7' Rear Blade
JD 143-145 Loaders
JD 609 Rotary Cutter
JD 850, 950, 1050 Tractors
Century 500 gallon Liquid Fertilizer Sprayer

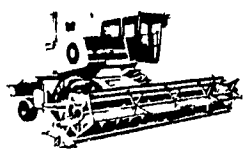
USED EQUIPMENT

JD B
JD LA
JD 520
JD 720
JD 3010
JD 4020
Farmall H, M, MD
AC C, WC, WD
Ford 8N
Farmhand Chuck Wagon
NH #6 Chuck Wagon
IH Chuck Wagon
JD KBA Disc
JD 55 Combine w/Corn Head
JD 95 Combine w/ Corn Head
AC Gleaner CII w/C.H.
Bush Hog 1600 Cutter
Wood C-114 Cutter
NH 6' Cutter
Brillion RSS-112 Cutter
JD 507 Cutter

Special Deals on More Equipment not listed. See us Now!

Call For Details.
MILLER'S SALES & SERVICE INC.
West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

FARM EQUIPMENT



MF
Massey Ferguson

NEW EQUIPMENT

MF 245 diesel, 8 speed
MF 255 diesel, multipower
MF 265 diesel, multipower
MF 154-4 diesel
MF 184-4 diesel
MF 540 diesel combine
MF 850 & 860 diesel combines
MF 1143, 1144, 1163 corn heads
MF 4880 diesel tractor

USED EQUIPMENT

MF 760 combine w/head
2 MF 135 tractors
IH 574
Bobcat Model 700
Melrose skid loader
JD 4020 Tractor
Allis Chalmers WD 45 tractor
MF Super 92 combine
Case 1160 combine
NH 285 baler
Ford 520 baler

Large Inventory of New & Used MF and NH Equipment

ABRACZINSKAS Farm Equipment, Inc.
RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

C.J. WONSIDLER BROS.

ALLIS-CHALMERS
AGRICULTURAL EQUIPMENT

Trumbauersville to Finland Rd , Quakertown, PA
Call (215) 536-1935, 536-7523
OR Rts 309 & 100, New Tripoli, PA (215) 767-7611

*** USED MACHINERY SALE ***

SAVE HUNDREDS OF DOLLARS if you buy any used equipment before November 14, 1981. CALL TODAY and catch the old prices being held over.

TRACTORS

Farmall 560 D
Farmall 400
Farmall 460 D
Farmall M
Farmall H
Ford 3000 G
Ford 800
Ford 601
Ford 9N
MF 1100 D
MF 1080 D
MF 180 D w/loader
MF 180 D
MF 50
White 250 D, like new!!
Oliver 1850 D
Oliver 500 D
Oliver 55 D
Case 630 w/loader
(3) Case 300
Case DV
(2) JD 60
Satoh Elk 550 w/low hrs
AC 7040 D w/cab
AC 7020 PS D w/cab
AC 200 D
AC 190XT D w/cab
AC D19
AC D17 D
AC D15 Series III w/front end loader
AC WD45 G
AC WD G

COMBINES

Gleaner MKS w/13' grain & 630 corn heads
Gleaner FKS D w/grain & corn heads
Gleaner FKS w/grain & corn heads
Gleaner AII w/13' grain & 2 row corn heads
Gleaner CII w/13 grain & 438 corn heads
JD 55 Corn Special w/cab, 12 grain & 330 corn heads
JD 55 w/grain & corn heads
JD 40 w/grain & corn heads
JD 45 w/grain & corn heads
MF 82 w/grain & corn heads
NH 975 w/grain & corn heads
IH 203 w/grain & corn heads
NI Uni System 704 w/717 combine, 4-row corn head

AVCO NEW IDEA

CORN PICKERS

NI 105 w/307 husking bed, fits JD 3020
NI 305 w/307 husking bed & 302 sheller for Farmall tractors
NI 323 1 row superpicker
NI #10 1 row
NI #7 1 row
AC 170 2 row w/husking bed, like new!
IH #9 1 row
Behlen 400 BU Grain Dryer

SPERRY NEW HOLLAND
Lobachsville, Oley, PA (215) 987-6221, 987-6257

FARM EQUIPMENT

IH 56 4 row corn planter with gandy attach IH 4 row cultivators Excellent condition Wanted 3 P T H corn sheller Perry County 717-567-6266

FARM EQUIPMENT

For Sale 1250 Oliver 4 cylinder diesel Owatonna skid loader Single cylinder Diesel 717-626 6142

FARM EQUIPMENT

For Sale Farmall H, SH, M, 450, 460, 706 cab, 856 cab, 1066 cab, cules 154, 185, ACC with side mount mower, ACD 17, JDA Oliver 1755 814-652-2809 814-652 6540

FARM EQUIPMENT

Mounted IH corn picker, good working cond , will deliver and demonstrate $1,900 717 533-3273

NI 12A manure spreader, like new, $795 717 354-0266

DEPENDABLE MOTOR CO.

East Main St., Honey Brook - Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #718 Harvester (1 only) $6050
NH #425 Loader 60" bucket, (1 only) $9975
NH 315 PTO Baler, flotation tires, hitch and chute (1 only) $6595
NH 320 Baler w/70 thrower, hyd. hillside (1 only) $10,150
NH 880W Pickup Head, will fit 880, 890 & 892 Harvesters, 1 only $1550
NH 456 Mower, 2 only $1770
NH 489 Haybine $6675
NH #367 Tank Spreader (Demo) $3625
NH 679 Spreader 11:20 Tires $5465
NH 355 Grinder-Mixer, Heavy Duty PTO 11L tires, 1 only $5650
NH 353 Grinder-Mixer, Heavy Duty PTO, 11L tires, 1 only $4995
NH 230 Wagon, 8 rims, standard tongue, 1 only $620
Pittsburgh 10' Spring Harrow, 1 only $695
Pittsburgh 10'6" Disk, ¼" blades, 1 only $2600
Pittsburgh 12' Field Cultivator, 1 only $1295
Oswalt Ensilmixer, 1830 trailer w/scales $9500
Oswalt Ensilmixer, 1830 Stationary w/scales $9390
U.F.T. 72" Flail Shredder $2160
We are also renting a NH# 303 3200 Gallon Tank Spreader.

NH 1895 Self-Propelled HARVESTER, 4 Wheel Drive, Cab, Air, Heater, 3R Head & Pickup Head, 250 H.P. Cat Engine & Meter Detector
$6300. Cash Rebate In Effect.
Call For Special Price.

FREE FINANCE ON

- NH Hay Equipment Till June 1, 1982
- NH Harvesting Equipment w/Hay Head Till Aug. 1, 1982

SPERRY NEW HOLLAND

JAMESWAY OSWALT ENSILMIXER DUNHAM
Leasing Available

USED EQUIPMENT

NH 477 Haybine
NH 479 Haybine
(2) NH 512 Spreaders
NH 518 Spreader, top beater
NH 717 Harvester, 1R Corn Head
NH 707 Harvester w/1R Corn Head
NH 450 Mower
NH 234 Wagon
Bush Hog 12' Offset Disc, 26" blades, excellent condition
JD #210 12' Disc, excellent condition
Jamesway VII Silo Unloader

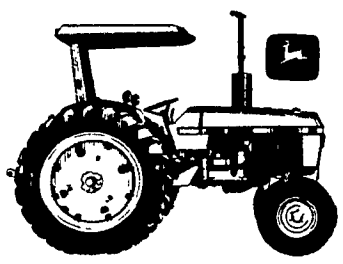
DEPENDABLE IS MORE THAN OUR NAME

COME ON IN!

DEALIN' DAYS

WE'RE READY TO DEAL ON THIS EQUIPMENT

PERFORMANCE PROFILE



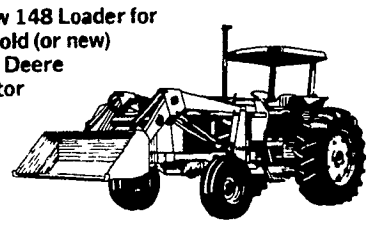
The 50-hp 2240's lugging power will amaze you and many comfort and convenience features will boost your performance

The John Deere 2240 features performance you'll like in the field or feedlot The 3 cylinder 50 hp diesel engine provides plenty of lugging power and the 8 speed collar shift transmission and the rest of the drive train are toughened up to match You'll also find a Load and Depth Control hitch along with closed center hydraulics as standard equipment on the 2240 Features on the 2240 also take into consideration operator performance An electronic instrument panel clusters lights and gauges for easy viewing And the seat is completely adjustable for riding and operating comfort The 2240 — its performance is worth checking out

Save $10 OFF all JD batteries with your trade

NOVEMBER SPECIAL
We now have a JD 8640 at a 1980 price ready to go at 6% over invoice cost

A new 148 Loader for your old (or new) John Deere Tractor



That's right Our 148 Loader will work with eight older model John Deere Tractors* besides the current 2840 4040 4240 and 4440 With any one you get the same 3 060 pound lift capacity and 10 ft 8 in lift height See us
2520 3020 4000 4020 4030 4230 4430

WAIVER OF FINANCE on all new JD Tractors above 90 HP till June 1, 1982

OXFORD GREENLINE INC.

HOURS
7:30 A.M. - 5:00 P.M.
thru Fri.
7:30 A.M. - 12:00 P.M. Sat.

RD 1, Oxford, PA
215-932-2753
215-932-2754

JOHN DEERE

John Deere design dependability and dealers make the difference

FARM EQUIPMENT

For Sale - MF 410 diesel, hydro, 13' quick-tach table, cab, air Monmouth County 609-259 7492

1978 Case 350 dozer Power blade Phone 717-689-9617 after 6 P M

For Sale - N I #17 Manure Spreader, N I #206 manure spreader both in good shape 717-687 6553 or 717-687-8021

FARM EQUIPMENT

For Sale - JD 820 2 cylinder diesel rebuilt Allied 350 front end loader for MF 65-175 NH 352 grinder mixer 814-766-2575

JD 55 combine, round back, 13' Hume reel - Extra parts, $2000 4 btm., JD mtd plow $350 215-348-5514

FARM EQUIPMENT

PTO Dump Trailer, 8' Snow Plow, 6 steel feed bunks, 30' Grain auger w/motor, 12' vertical manure pump 717-866-4088

Field cultivator A C 1200 18' hydraulic fold, used 1 year $1900 Disc harrow MF 520 14' like new $3500 609-859-2009 evenings

FARM EQUIPMENT

JD 4230 tractor, cab and air, 2000 hours $14,500 301-875-2478

Trojan Model 114 4 W D loader with enclosed cab, 1½ yd side dump bucket with 282 C I D 6 cyl, International diesel engine Needs work, $1500 or best offer. Call evenings 201-359-5934 Somerset County N J

FARM EQUIPMENT

Better Bilt Liquid Manure spreader Model 1100, Good condition, Phone Fairview Farms 215-598 3257 Dual tires for Combines 18 4x26 on 16" rims, almost new

For Sale - Brady hammer mill, $400 JD A tractor, $400 717-284-4601

FARM EQUIPMENT

Wanted - Forage Mixer with scales Must be in good condition 717 786 2839

Antique Irish Fordson tractor on rubber, rear steel wheels for same running $550 F O B A E Daniels, 480 W Street Rd , Warminster, PA

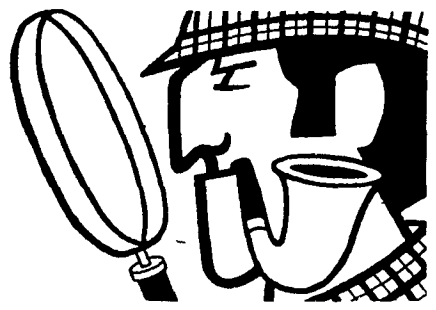
FARM EQUIPMENT

JD 24T Baler w/#2 ejector, make offer 717 925 2352 Columbia County

For Sale Ford tractor, $2200 Also loader to fit tractor, Bobcat skidloader, $2100 717 757-1960

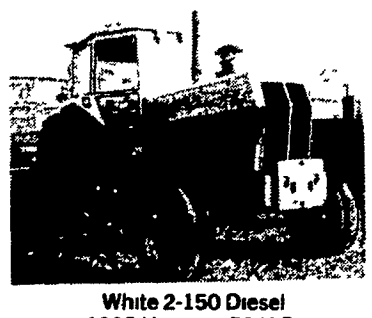
BARGAIN HUNTER SPECIALS

TRACK DOWN BIG BUYS ON USED EQUIPMENT

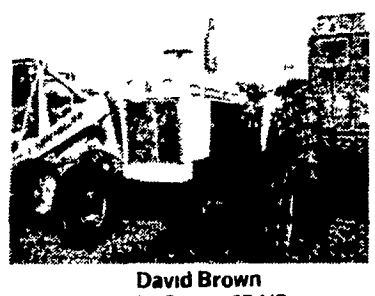


JD 2940, 80 H.P., 200 Hours, Factory Warranty
$18,250.00

JD 2010 Gas, 45 H.P.
$3450.00



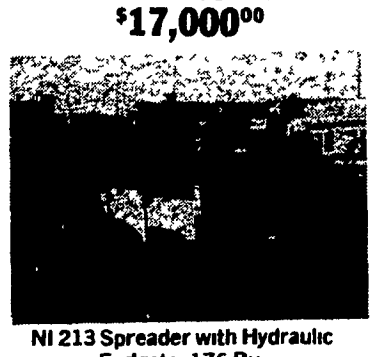
White 2-150 Diesel 1020 Hourse 150 H P.
$17,000.00



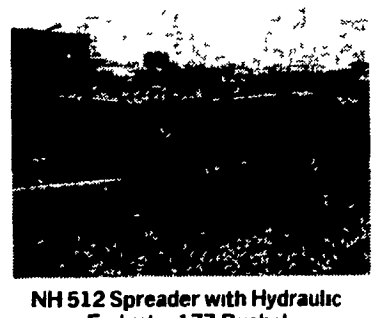
David Brown 1200 Diesel 65 HP
$4980.00

Case 1816B, Hydrostatic Drive, 600 Hours
$4000.00

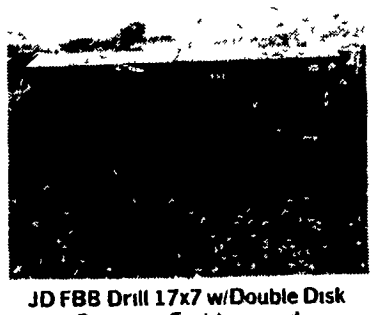
Mustang 1700 Diesel, Engine Recently Overhauled
$6950



NI 213 Spreader with Hydraulic Endgate, 176 Bu. Very Clean
$1800.00



NH 512 Spreader with Hydraulic Endgate, 177 Bushel
$875.00



JD FBB Drill 17x7 w/Double Disk Openers, Fertilizer and Grass Seed Attachment
$2450.00

Fox 2300 Harvester with 2 Row Wide Corn Head
$2995.00

Gehl Forage Box w/NH 234 Running Gear
$2850.00

Stoltzfus 5 Ton Fertilizer Spreader with Sower
$3850.00

USED MOWERS AND RAKES

Triumph Hi-Way Mower $1000
JD 25A Flail Mower, Like New $1250
NH 56 Rake $950
Bushhog 14' Rotary Cutter ... $1800
JD 350 Rake $450
NH 55 Rake $795
Fella Tedder 650
JD 10 Mower $195

USED COMBINES AND ATTACHMENTS

NH TR70 Ford Diesel, Var. Speed $34,500
NH 962 N4 Corn Head $4250
NH 960 13 ft. Flex Grain Platform $2850
JD 4400 1970 w/New Gas Engine, 4 Row Wide Corn Head, and 13 ft. Grain Platform $18,500
JD 444 4 Row Wide Corn Head $4250
JD 443 4 Row Narrow Corn Head $5850
JD 13 ft. Grain Platform $2500
JD 343 3 Row Narrow Corn Head $2800
JD 244 2 Row Wide Corn Head $1600

USED GRINDER MIXERS

NH 352 ..... $2650
JD 750 (Excellent Cond.) $5500
Bearcat 540 & 1000 RPM Hammermill $995

USED HARVESTERS AND ATTACHMENTS

NH Super 717 with 2 Row 717R2 Corn Head $2250
NH 1 Row 717 Corn Head $775
NH 717S Harvester $1800
Fox Hay Pickup $500
NH 717 Harvester $1350
NH 770R One Row Corn Head. $1275
NH S717, New Knives $1650
NH 717 R2, Corn Head $650
NH 718 Harvester $3500
NH 770 R2 Corn Head $1350
NH 33 Crop Choppers $1650
NH 707 3 Pt Hitch one Row $2350
NH 707 3 Pt Hitch one Row $2650
NH 707 3 Pt Hitch one Row $2450
NH 707 W Hay Pickup $575
NH 707 W Hay Pickup $375
NH 707 W Hay Pickup $375
NH 1890 Harvester with 890A Auger Base and 890N3 Three Row Narrow Corn attachment low hours, field ready $32,250
NH 890A Auger Base w/890N3 3 Row Narrow Corn Head. $4000
JD 13' Grain Platform $2500
NH 717S Harvester $1775
NH 717 Harvester $400
NH 717 1 Row Corn Head $200
NH 880 Harvester w/880 R2 Corn Head $2650
NH 1895 Harvester w/1895 A Auger Base and 1895 N4 Corn Head - Used 1 Season $51,000
NH 1895A Auger Base and 1895 N4 Corn Head $8000
NH 880 N3 Corn Head $2850
NH 717W Hay Pickup $675

USED TILLAGE

JD 9' Spring Tooth Harrow $450
Brillion LFM 9' Pulverizer $375
Dunham 10' Packer $600
JD 350 - 5 Bottom Hydraulic Reset Plow $3250
Wing Fold AC 18' Field Cultivator $2250
Ford 206 - 12', 3 Point Spring Tooth Harrow $425
JD 208 Killifer disk $450
JD 110 Disk $1850

USED MOWER CONDITIONERS

NH 477 Haybine $2675
NH 467 Haybine $2350
Hesston Pt 10 ..... $1650
NI 279 CutDitioner $2650
Hesston PT 10 ..... $1950
NH 1469 ..... $3850
NI 270 Cut Ditioner $1650
NH 469 Haybine $2650
JD 1380 Mid Pivot Mower Conditioner, 12 Ft $4995
Hay Crimper $150
NH 1469 Self Propelled Haybine $3600
NH 479 Haybine $2950

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JD24T Engine Baler $1995
JD 224T Baler $2450
NH 68 Baler $1550
NH 68 Baler $1500
NH 271 Baler w/Thrower ... $1950
JD 14T PTO Baler w/Ejects ... $1250
JD 346 Baler $3650
JD 14T Baler $600
Ford 530 Baler $850
NH 273 Engine Baler w/Steel Wheels $3150
NH 846 Round Balers $6900

USED CORN PICKERS

NI 323 Corn Picker $3250
NI 323 Corn Picker $2950
JD 300 Husker w/3 Row Narrow Corn Head $7250

USED TRACTORS

JD 3010 Gas, Narrow Front $4500
JD 2010 Gas $3450
JD 3020D late Model, Engine overhauled $8900
Massey 165D, 50 H P $4850

USED LOADERS

JD 37 Loader $350
JD 47 Loader $675
JD 145 Loader with new 72" Buckets and Manure Tires (Like New) $2100

USED BLOWERS

NI 620 Blower, Nice $1250
Gehl 99 ..... $1800

USED SPREADERS

NH 512 ..... $1350
NH 510 ..... $1575
NH 790 ..... $3990
NI 218 ..... $4250

USED PLANTERS AND GRAIN DRILLS

JD 494 A - 4 Row, Plate w/fert. Insect. Seed Disk Openers $1100
JD 494A - 4 Row Planter $550
JD 2 Row Tool Bar Planter w/fertilizer $550
JD 494A - 4 Row Plate, w/fert Insect $1000
IH 56 - 4 Row Plate, w/fert. Insect $1350
JD 1240 Corn Planter $1900
JD 7000 6 Row Narrow Corn Planter $7500
JD FB 14x7 Drill w/fertilizer, Grass Seed, Single Disk Openers $950

USED GRAIN DRYERS

295 Bushel Batch Dryer $1100

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NH T330 Trencher $2400

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NI 325-326, 8 roll narrow row corn picker
NI 737 Husking Unit
AC F440 Corn Head
NI 744N Corn Head
AC 170 Gas Tractor
AC D17 Gas Tractor
NI 702 Diesel Power Unit
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NI 702 Uni System w/ diesel engine, chopper and Forage Heads
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MF 180 diesel
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JD 4020
MF 321 corn head
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Minn. Moline w/Sheller & 2 Row Corn Head
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1975 JD 4400 Dsl., Cab & Air, Very Nice, Choice of Heads
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JD 3300 Cab and Air, choice of 10' or 13' Grain Platform
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JD 4430 4 Post RG, Quad
JD 4320 Dsl. RG Cab
JD 4230 D, Cab, Air & Quad
JD 4230 Dsl.
JD 4000 Dsl. WFE
JD 4020 Dsl. WFE
JD 3020 Dsl. WFE Power Shift
JD 2030 Dsl. RG, 15.5 & 38 Tires
JD 1530 Diesel
JD 300 Dsl. w/Loader 3 Pt
JD 720 (SOLD)
IH 1566 Diesel, Black Stripe, Cab & Air
IHC 1466 Dsl. Cab, Air, Dual PTO
IH 1256 D WF
IH 1066 Dsl. Cab & Air
IH 1066 Dsl. WF Very Nice
IH 966 w/Cab & Air
IH 766 Dsl. WFE
IH 856 D., WF
IH 856 D. WF w/Fast Hitch 38" Rubber, Very Nice
IH 826 Wide Front
IH 806 Dsl., WF
IH 706 D., WF, German Engine
IH 574 w/2050 Loader
AC 200 WFE & Cab

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NH 276 w/Thrower
NH 268 w/Thrower
JD 336 Twine w/Thrower

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NH 355 Fully Equipped New $4850

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AC K238, KF 330
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Pull Type
JD 300 2 Row 30" or 38" corn heads available
NI 325 NR w/Sheller
NI 324 WR w/12 Roll Husking Unit

PLOWS
IHC 710 4x16 sp. reset
IH 540 4x16
550 5x16
JD 1450 5x18
JD 2500 5x18 sp. reset
JD 350 5x16 hyd. reset
JD F 145 4x14, 4x16 & 5x16
Oliver 5x16 Spring Reset

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JD 12'-14'-18' BWF Rock Flex Disc
JD 12' AW Disc
JD 12' Roller Harrow
JD 230 Hyd. Fold 22' w/ Leveling Bar
Bush Hog 1438 Heavy Duty 18' Wing Fold

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Rhino 11' Flex
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JD B Grain Drill, 16 opener with grass seed
JD 7000 4 Row 30" Corn Planter
NH 256 Rake (new) $1475 F.O.B.
JD FBB Double Disc Grain Drill, fert. & grass seed, very nice
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MF 235 Loader w/valve control
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JD 58 Loader w/large materials bucket
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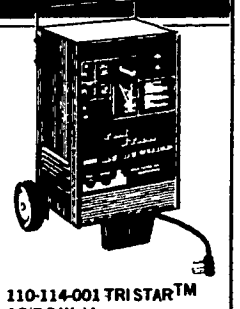

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IH 595 Spreader, 451 Cu' ~~$8287~~	$6950	IH 540 Spreader 210 Cu' ~~$4235~~	$3650
IH 560 Spreader, 289 Cu' ~~$4961~~	$4175	IH 2250 Loader w/Bucket ~~$3621~~	$2975

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IH 510 5-18 Plow	$4650	IH 415 Packer Mulcher 12'2" 19" Packers w/Cyl.	$4950
IH 720 5-18 Toggle Plow	$6200	IH 5500 9' Mt Chisel w/Gauge Wheels & HC	$1950
IH 720 5-18 Auto. Plow	$6700	IH 6010 10' Con-Till w/Cyl.	$3850
IH 720 6-18 Toggle or Land	$8250		
IH 475 12' Disc w/Cyl	$4550		
IH 475 17'8" Folding Hyd. w/Cyl	$7250		

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IH 56 2 row real nice	$1250		

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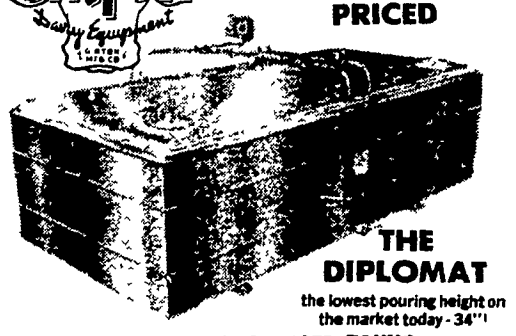

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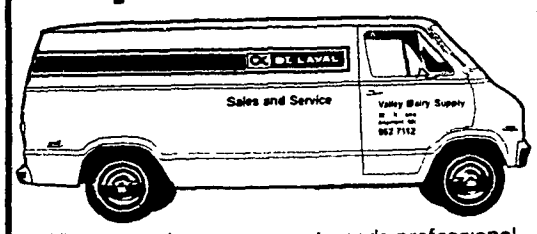

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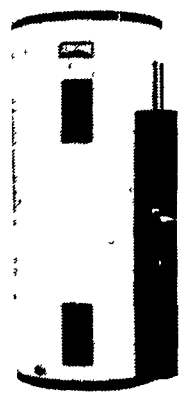

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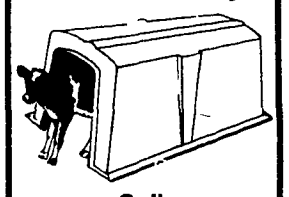

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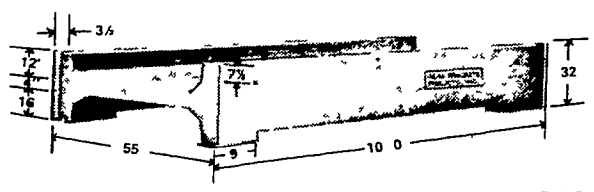

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For Sale Purebred Jersey Bull out of top bloodlines 717 354 5826

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Herd of large Holstein cows Some Registed DHIA records Will sell bred heifers separately 301-578-9898

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For Sale - 30 Holstein Feeder Steers, 6 to 800 lbs , Potter County, Phone 814-435 2314

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February 17, 1982
Blizzard date - February 18, 1982
Pennsylvania State Farm Show Building - Corner of Cameron and McClay Street, Harrisburg, Pa.
Tack - 9:00 A.M.
Horses - 12:00 Noon

TERMS - Tacks and Draft Horse related items - 10% with Maximum Commission $50.00.

Horses - $25.00 to accompany consignment.

If no sale - no refund. 4% commission - Maximum comm. $120.00.

$25.00 entry fee to be deducted from commission.

Catalog Deadline Jan. 1, 1982

Consignments will be accepted until 10:00 A.M. February 17, 1982.

Horses will be sold in order of consignment.

Negative Coggins Test and Health papers within 6 months must accompany horses.

CONTACT

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Gail Biddle
Box 242 R D #1
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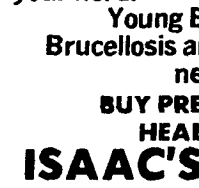

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For Sale purebred spotted service age boars, delivery available 717 365-3234 Clair Hartman, Gratz, PA

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125 Hampshire - Yorkshire open gilts Also service age boars of both breeds John Strawbridge, Stewartstown, Pa 17363 301-996-2022

For Sale
Duroc and Landrace Boars
from production tested sires **Crossbred gilts** from Landrace or Yorkshire sired litters Crossbred litters maintain a 9 plus weaning average over 400 litters per year
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Yorkshire Boars and open gilts, breeding age and younger Miller Yorkshire Farm, Rd 1 Box 1366, Spring Grove, PA 17362 717-225 1926

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Feeder Pigs - 30-40 lbs docked and castrated, mostly Yorkshire and Landrace corssed, graded mostly ones and twos, farm raised $30 each Will deliver 50 at a time 703 778 2424 after 6 P M

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For Sale Duroc service age boars, sired by Midwestern bloodline fast gaining, aggressive breeders Pseudorabies free herd #34, validated #133, delivery can be arranged Rick Pfautz, Stevens, PA 215-267-3739

For Sale - 100 head of feeder pigs, home raised 717-382-4426 York County

ARTIFICIAL BREEDING

Semen For Sale - Milmay Kingpin Elevation Bob, $20 I O State Ford, $24 Silvershade Line Chief, $30 Carlin M Bell, $62. Giltex B Milkmaster, $62. Paclamar Astronaut, $55 Jerry, $60 Conductor, $35 Steven Hoover 814-793-4202

10 units of Round Oak Rag Apple Elevation, purchased directly from Sire Power, $225 per unit 215 863-4767

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Red coat and Titan seed wheat cleaned and treated. Stump Acres 717-792-3216 York Co.

Wheat for Sale - Grown from certified seed Brand name - Ruler Voted bulk only -Yielded 50 bushel per acre this year $5 per bushel FOB Hanover, Pa 717-359-4310

Wanted - Alfalfa, clover, mixed and Timothy hay, top quality only Pay at your local scale Fred Messling, 15 Glen Ave, Phillipsburg, NJ 08865 In business 31 years. 201-454-8259

Shelled corn for sale 412-794-3863

Wanted to buy - corn Strohecker Farms Inc 717-692-3867

High moisture corn, 16 acres, 717-786-2810

Alfalfa hay wanted Fairmount Farms 301-374 2273

Roasted soybeans in bulk by ton Call between 8 and 9 30 P M 215-347-2309

Oats for sale 215-287-7878

For Sale - ear corn, 3 bu to the barrel, $4 25 at the farm 304 822-5260

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Wanted-Heavy hens. We buy, sell and haul all kinds of poultry Yank's 215-494-4578

BABY CHICKS - Hubbard Leghorns, Golden Comets, Sex-Sal, Hy-Line Leghorns, Barred Rock, White Rock, Reds and 10 other breeds Also turkeys, ducks, geese, guineas, and game birds CASE HATCHERY, 79L Brodbecks, Pa 17308, 717-235-2050

1-60 CG aqua magic grader (12 cph), candler & washer Priced to sell Very good condition Phone 215-593-5574

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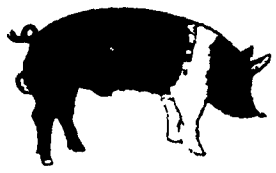
For a **productive** 1981 . .
Add a HAMPSHIRE BOAR to your herd.



Good selection of SERVICE AGE BOARS AVAILABLE. Gilts presently all sold until late summer. (Top Indexing Hamp Pen at O.S.U. Test Station w/81 144 Days to 230#, BF .81, LEA 5.8, 65% Lean Cut)

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220 lb. } B.F. } Index
133 Days } .66 } 260

Will be taking orders for Boars & Gilts out of Cruise 48-4 Jan. 1, 1982. Boars $450.00 Gilts open $300 EACH.

Cruise 48-4 I purchaed from Rock Rest Farms N.C. Tested Boar Sale May 23, 1981. $1,500 well spent

---

SEMEN FOR SALE

Silvershade Line Chief	$30
Paclamar Astronaut	55
Carlin M Bell	60
Giltex Milkmaster	55
SWD Valiant	135
Twin Lawn Elevation Jason	78

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5 hog feeders, rectangular, 16 compartments, 1490 lb capacity No top lid or doors Brand new, $275 each Not on premises but call Lancaster Agway 717-394 0541

HOG EQUIPMENT & SUPPLIES

POULTRY & SUPPLIES

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NEW LOW PRICES. Egg cartons, misprints when available $15 - 1000 New Cartons $38 - 1000 717-665-5927 or see Eddie

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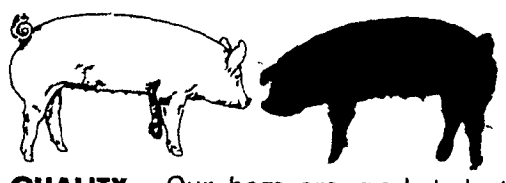
Suffolk ram 2 yrs old proven sire, good size and conformation 717-626 8926

YORKSHIRE BOARS - DUROC BOARS



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new pneumatic blowing with only 3% fines, will have new corn to contract or sell out of the field.

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Area Sales Manager position Aggressive, creative & highly motivated person to sell field-bottom unloading silos in 16 County area Prefer Bedford-Fulton Co residence as this would be the center of the area Must have agricultural background & have at least 10 yrs of successful selling of agriculture products Pay & benefits commensurate with ability, experience & productivity Reply to Box 366 JH 137, c/o Lancaster Farming, Lititz, Pa 17543

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PFA, Pennsylvania's leading farm organization seeks insurance agents to work in Lancaster Co. We will help you get state license Call 717-761-2740 Ask for Dottie

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Wanted Experienced and dependable foreman for beef cattle farm Must be knowledgeable of all farm machinery For information call after 7 p m 717 258-6389

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Feed, fertilizer, seed and agricultural chemical sales Some sales background preferred Must have agricultural background Fast growing company Salary plus bonus plus car expenses plus benefits Area to be served Northcentral part of PA Send resume to Lancaster Farming, Box 366 R 80, Lititz, Pa 17543

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BUSINESS OPPORTUNITIES

SITUATIONS WANTED

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BUSINESS OPPORTUNITIES

BUSINESS OPPORTUNITIES

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International tractor and trailway, 30' dump trailer, exc cond, used to haul shelled corn to New Market, VA, $11,000 or best offer Also freight liner tractor and Fruehauf, 28' dump trailer, good cond, $9,000 or best offer Jefferson County, WV, 304-725-2937

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1968 Diamond Reo diesel 15' dump, 500 bushel, 52,000#, Centre, 814 355 3553

1971 Chevrolet C 50 truck w/16' flat bed body w/side Excellent shape $3000 301-363-0631

31' Gooseneck stock trailer 2 axle (10,000 lbs each) dual wheels, 4 compartments 1976 Chevy C60 flatbed truck rigged to pull trailer Will sell as a unit or separately 717-964-3598

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We are looking for a Christian family who would be interested in joining our dairy operation on a partnership-herd manager basis, must have capital and/or cows to contribute to the operation, 3 bdrm house available, Lancaster Co Send Reply to Box 366 A-19, Lancaster Farming, Lititz, PA 17543

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LIVESTOCK TRAILERS
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* 1975 American, 43' Pot
* 1974 American, 43' Pot
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Single axle diesel sleeper, 238 Detroit engine, 10 speed trans., PS, A/C, just overhauled, with or without new paint.

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Tandem axle diesel sleeper tractor, 350 Cummins engine, 13 speed transmission, power steering, A/C, recent overhaul.

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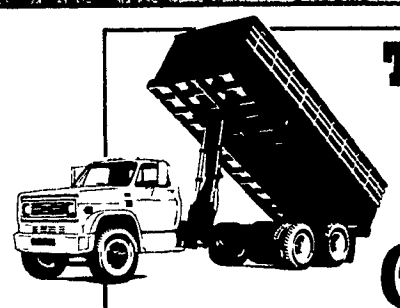

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1979 Ford F100, 6 cyl , Auto., PS, AM-FM, ... $5695

1979 Ford F250, V8, Auto , PS, PB, AM Radio $5295

1979 Chevy C10 Scottsdale, 350 V8, auto., PS, PB, air, tilt steering, cruise control, AM/FM tape $6295

1979 Ford Ranger F100, 302 V8, A, PS, AC, AM-FM Radio, 17,000 Mi. $5995

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1979 Chevy C20, Crew Cab, 350 V8, A, PS, PB, Air Cond , AM Radio, 34,000 mis. $6995

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1977 Dodge D200 Custom, 318 V8, Auto., PS, PB, AM Radio, Cap $3495

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1977 Ford F100 Explorer, 302 V8, A, PS, AC, AM Radio. . . $4995

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Breeding stock for sale.
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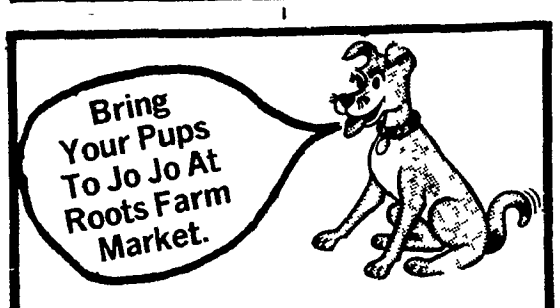

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I need Purebred and extra cute mixed litter lots 6 to 8 weeks old Clean and healthy for resale as house pets Contact "Jo Jo The Dogman" at Roots Farmers Market, RD 1, Manheim, PA Every Tuesday 5 p m to 8 p m (No Phone Calls)

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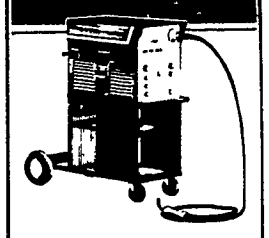

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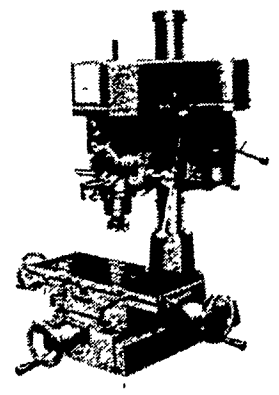

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For Sale 17 acre farmette, brick house, furnace, bath, barn, corn shed and large two floor hog chicken house Also 21 acre field nearby, Bower's, Berks County, Pa Jason Weaver, Fleetwood, Pa 215 682 [illegible]

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Farm to Rent including large house, 170 acre operating dairy farm, milking facilities, 23 stalls, New Castle County, Delaware Phone (215) 884-2525 or (215) 886 4000

FOR SALE BY OWNER, 60 acre Berks County Farm Up to date poultry house for 35,000 layers (now on contract) Also good horse facilities for the serious horse breeder Farm house, 2 mobile homes, 2 wells, stream, quiet rural setting Only serious inquiries No brokers $390,000 (215) 562 7776

Tinsmith shop, roller, brake, shear, swedge block, stake anviles, table anvil, crimpers, machinery is all mounted on tables, all hand operated, machine shop, Rockford mill ing machine complete w/many extras, small shaper, 36" Atlas metal lathe w/new table, blacksmith tools, tire bender, blowers, tongs, forge, blacksmith drills, gas engines, 1926 Model T Ford race car, 1933 Austin race car **Shirley L Eckman Antiques.** 717-768-3223 Located 2 miles east of Intercourse

MISCELLANEOUS

Factory fresh cedar chest kits, oak flooring, plywood Phone Tom Hostetler 717 539-4091

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture Open 7 30 to 4 30, Saturday, 7 30 to 12 00, evenings by apointment. Myer's Washer-Dryer, Rt 772, between Brownstown and Leola 717-656 7169

Wanted Paper contents of old business files or warehouses Quick cash and fast pickup 717-393 4336 evenings

Cider Press 22" Complete with racks & cloth 215-692 3492

Full or Part Time
Need dealer in this area selling my pure Aloe Vera Herb Health Juice, Phone 717-859 2531, Address 44 Third St, Akron, Pa 17501

Nature's pure Aloe Vera Herb Juice and Capsules for arthritis, low energy, overweight, high blood pressure, ulcers Phone 717-859 2531 guaranteed (Guarantee is product quality only)

600 Egg Sears Incubator $200 Commercial gas pump $75 1968 Plymouth Convertible [illegible],000 Dyson 717 899-7989 Mifflin

Rotary phase converter, maximum system, Hp 15, 8 amp, 60 cycle, 208-230 volt, $450 215-267-4921

Wanted to buy - Local Oats, 50 to 100 bushels Carroll County, MD 301-857-4639

For Sale - Glenwood model 950 hot water wood burning furnace $1000 Chester Co 215 932-5564

For Sale micro midget, open class, 250cc Ducati engine, Lanc Co 717-626 4617

Hutch Fruitwood - New 70" H 58" L 17" W $180 215 793-1131

For Sale - Hobart 300 amps generator mig welder, 3 phase, 220 or 440 volts 717-935-2056

For Sale - 275 gallons of Fuel Oil to best offer Carroll County, MD 301-857-4639

For Sale - 2 cast iron cook stoves Excellent condition Call before 8 AM & 7 10 PM 215-593 5754

For Sale - Lumber 2"x4"x8', 2"x4"x12', 2"x6" from 12' to 18', 2"x10" from 12' to 18' George B Leid, East Earl 1, PA 17519

MISCELLANEOUS

For Sale Home Comfort cook stove in excellent condition Hot water tank & pipe shelf w/door 215 593 5754

Originating farm loans for a major insurance company, $250,000 minimum Other types of loans available Mr Read, answering service 717 569 6428

DRUMS & BARRELS - New and used plastic steel and fiber Fresh, empty wooden barrels for wine & cider Local and Long distance delivery Reliable Recyclers, Inc 114 S Maple Ave, Leola PA 717 656 4211

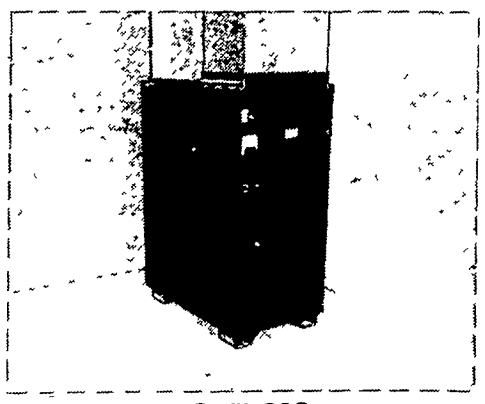
Broken wooden barrels for firewood $3 00 each Reliable Recyclers Inc, 114 S Maple Ave Leola, PA 717 656 4211

3 gas station pumps in excellent shape, 1 w/ticket printer $500 each 301 879 0563 After 6 call 717-456-7497

WILLIAM E. BOYER
CASH BUYER OF STANDING TIMBER
- White Oak
- Black Oak
- Ash
- Red Oak
- Rock Oak
- Poplar

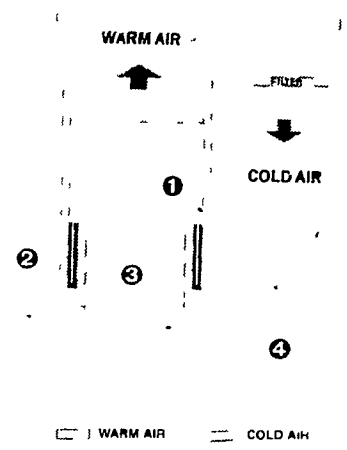
717-235-4582

friction heater
U S PATENT NO 4 143 639
CANADIAN PATENT NO 826 557



MODEL 318
DESIGNED TO HEAT A PROPERLY INSULATED 3000 SQ FT HOME
ELECTRIC USE IS 3 75 KW PER HOUR
HEDSTROM/POWELL Inc.,
Des Moines, Iowa
Company Representative - Irvin Z. Seibel

THIS IS HOW IT WORKS ...



THE HEATER IS DESIGNED ON THE SIMPLE PRINCIPLE OF FRICTION THAT IS THE FRICTION IS TRANSFORMED DIRECTLY INTO HEAT

THE FRICTION IS CREATED BY A CYLINDRICAL SPINNING ROTOR 1 THAT IS CENTERFD IN A STATIONARY OIL FILLED CAVITY 2 THE OIL TO ROTOR CONTACT DEVELOPS THE FRICTION NECESSARY TO PRODUCE HEAT THE ROTOR IS POWERED BY A 220 VOLT 3 HP MOTOR 3 HEAT IS FORCED UP AND OUT BY A SELF CONTAINED 110 VOLT ¼ HP FAN UNIT 4

Call for Dealership 717-548-2896
Call for Sales 717-738-2138
215-696-1703 717-726-6127

TOP 132 ACRE DAIRY FARM
LEBANON COUNTY
This dairy operation has all the buildings and setup a farmer wants in a farm 30 acres permanent pasture with stream, 3 20x80 poured concrete silos, 89 free stalls with room for 24 more, farm pond, soil in high state of cultivation. 4 bedroom home in pleasant, tree lined setting with modern kitchen and oil hot water heat. Located 1½ miles north of Lebanon. Priced right at $525,000
Additional adjoining 2 farms totaling 135 acres can be rented or purchased.
Mark C. Dengler & Son Realtors
128 W. Penn Ave.
Cleona, PA
717-273-6737

REAL ESTATE

Nice little 58 acre farm for sale in Juniata Co 717 527 4093

For Sale Farm, Perry County, 221 acres, house and barn 717 438 3115

North Baltimore Co
100 acre farm with southern exposure, 65% tillable, has large barn and silo and outbuildings, some financing available with possible MD farm preservation participation $2000 per acre More land also available 301 343 0713

Tioga County 65 acre farm with stream, barn, new slaughter house Ranch style home with 3 bedrooms, 1½ baths, 2 car garage 717 724-3768 Call 717-724 3853 evenings and weekends

FREE
Exciting Seasonal Edition, Catalog! Over 5,400 counties properties described pictured! Land, Farms, Homes Waterfront, Recreation, Retirement buys! Yours FREE from the World's Largest!
STROUT REALTY
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Dept. 6490
Harrisburg, Pa. 17102
(717) 234-0138

Go Grade A!
Stocked, equipped 150 ac New York dairy Fenced, cross fenced Tillable 110 acs, 20 pasture, 15 timber 1200 bucket maple grove, comm'l timber reported Spacious 12 rm Colonial, attached garage Double-3 milking parlor, bulk tank, barn cleaner Farm ready to work for you! $140,000 STROUT REALTY, Inc, 133 W Main St, Westfield, PA 16950 (814) 367 5588 Res. 367-2710
Free Local Lists

Farm Fresh
Stream thru 45 ac Columbia Co farm Tillable 43 acres Various flowers, bushes, spruce Sound, partly remodeled farm home, French doors, kitchen, dining area, bath, 5 bedrms, porch Old summer kitchen, servants qtrs Barn, shed Chicken hse, workshop, other bldgs Beautiful area, 4 mi to town $89,900 STROUT REALTY, Inc, P O Box 424, Bloomsburg, PA 17815 (717) 784-0366 Free Local Lists

STROUT REALTY

Want to rent dairy farm in Franklin County for Spring 1982 301 797 6460

Hog and Beef operation for sale in Union Co Pennsylvania, 119 acres total Phone 717 922 1410

23 acres woodland on Leading Ridge near Petersburg, PA, good hunting, nice cabin sight in oak and white pine trees, $950 per acre 717 653 1728

For Sale 10 acres cleared with 3 bedroom mobile home, well and septic tank Scenic view of Endless Mountains Two miles from Lake Carey, Wyoming Co Call 717 675 2159 or 717 696 2539

Wanted farm to rent with option to buy, must have 200 tillable acres and 60 cow barn, preferably PA 201 496 4653

Mt Gretna-Chataqua area 3 Bedroom, including appliances & most furniture Parking area Under $30,000 Call 717 944-3235

For Sale by owner 240 Acre farm in Juniata Co Call 717-436 8309 After 5 PM

Wanted to Rent Young married couple seeking small farm with house near Lancaster, preferably 40 to 60 tillable acres 717 397-6336 after 6 P M

Staunton Virginia Dairy Farm, 161 acres, stream through Owner financing Write for details. Fred Zastowny, Rt 2 Axton, Virginia 24054

REAL ESTATE

Dairy or beef farm can be leased with option to buy or share cropped, Maryland Send reply to Box 366 J 202, Lancaster Farming, Lititz, PA 17543

Susquehanna County Farm, 210 acres, 150 tillable, main barn, 112 tie stalls, 20x70 concrete silo, second barn 68 tie stall for heifer house with garage $950 per acre 717 278 1149

Want to Rent Dairy farm that can handle 200+ cows w/free stall Within 100 mi of New York City 201 567 3179 evenings

REAL ESTATE

House For Sale in large and small game area, edge of small town of Canton, Pa Quiet location ¼ acres Easy to heat, 7 rooms, natural gas available $10,000 cash Phone after 3 P M 717 673 5278

Farm For Sale 100 acres, 2 perchs, Centre County, Pa 2 miles east from Aaronsburg, Pa, 5 miles West from Woodward, Pa Barholow road, fourth farm in from 45 Never failing water, good well and spring Write Samuel Y Zook, Woodward, Pa 16882

Long term owner financing, 600 acre operating dairy farm, 400 tillable w/large level to rolling fields (75 & 100) acres. Most accessable from black top road. Nice woods w/some timber 4 ponds, creek thru & drilled wells. Large dairy barn, 2 yr old milk house, bulk tank & milker, concrete silo, heifer barn. 2 houses, frame 11 room w/5 bedrooms, 7 room w/4 bedrooms Southern exposure. Can be bought w/s&e Southern N.Y. Steuben Co. #240 $238,000.

L E W REAL ESTATE
Dick Wilson - Broker
141 Chestnut St.
Corning, N.Y. 14830
607-937-5637

CENTRAL PA FARM & LAND PARCELS

Over 35 listings including operating farms, farmettes, rural land and recreational land. Call or write for a free list **Watch for complete farm inventory ad next week or refer to last weeks edition.**

FARM AND LAND DEPARTMENT
Fred Strouse (814) 364-1705 (Lewisburg) Larry W Platt (717) 568-5563
Don Myers (814) 422 8111 (Bedford) Richard D Reed (814) 839-4271
Mel Rockey (814) 466-6688 (Huntingdon) Rachel Port (814) 669-4194

KISSINGER LEONARD & ASSOCIATES Realtors

Frederick J Kissinger, Realtor
William H Leonard, Realtor
245 S Allen St,
State College, PA 16801
(814) 234-4000

LANCASTER COUNTY FARMS

15 Stall Horse Barn on 10 acres level land with rail fencing in beautiful setting in Providence Township $65 000 00

1,200 head Nebraska Hog Unit with modified open front on 75 acre farm Also includes charming stone and frame farm house, bank barn and other outbuildings all in good condition and attractive setting $330 000 00

89 ACRE ESTATE TYPE FARM featuring restored log farm house and in ground pool in picturesque Conestoga area setting $325 000 00

188 ACRE CROP FARM with nearly 120 acres tillable, pointed brown stone farm house pole barn and other outbuildings Under $2 400 00 per acre

205 ACRE DAIRY FARM with 2 dwellings and good stream through meadow land Nearly 160 acres tillable Could be divided as 2 farms $3,500 00 per acre

218 ACRE SHOW PLACE featuring 134 free stall barn and milking parlor 4 unit dwelling and other buildings all in excellent condition and superb setting near Lancaster

YORK COUNTY FARM

133 ACRES with good buildings and beautiful setting $2,200 00 per acre

PERRY COUNTY FARM

LOG HOME setting in the middle of 72 acres Approximately ½ farm land and ½ woodland with valuable timber Make this your hunting camp today $99 900 00

Century 21®

EMORY D. WAGNER CO., REALTORS
215 W. Fourth Street
Quarryville, Pennsylvania 17566
(717) 786-2131

REAL ESTATE

...e looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds 717 394 3047 or 717 626 1164

For Sale Perry County, 1 to 8 acre woodlots, approved PH 717 438-3115

REAL ESTATE

For Rent - 4 room house, middle aged couple, nice yard and parking Neffsville, Lancaster Co, 717-569 1170

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022

NEW YORK STATE DAIRY FARMS

#308. A beautiful farm & priced right. New ranch home, recently new 93 tie stall barn Honeye soil, extra house. Choice location. Owner financing. $220,000 Top dairy of cows & equipment available This one won't last long.

#306. 70 acres, 2 story, 23 tie stall barn, bulk tank, 16x40 silo, 3 BR home. Good retirement farm. $89,000

Farms Our Specialty

POSSON REALTY

RD 3
Norwich, NY 13815
607-334-9727

Stop, Look, Listen

325 acre farm, 65 tie barn w/pipeline and 1000 gallon bulk tank, 65 free stall barn w/automatic feeding, 4 silos, exc 3 bedroom ranch house, full basement w/fireplace and rec room, good 4 bedroom tenant house, $220,000. Owner financing available

Good Land

315 acre farm, 130 plus tillable, 54 tie barn w/pipeline, 1000 gallon bulk tank, machinery shed, good 10 room house, oil and wood heat. $150,000

Send for free property list

McKEE REALTY
Roger McKee Broker
Main Street
Cincinnatus, NY 13040
607-863-4181

HUNTINGDON COUNTY FARM

160 Acres - 100 Acres tillable, level to gently sloped, good beef farm fenced, bank barn, trench silo, 2½ story frame dwelling, good deer and turkey hunting, 2 hours from Lancaster. $179,000 00 with owner financing.

CALL SHEETZ REAL ESTATE
Area 717-653-1481

DAUPHIN COUNTY FARM

48 Acre farm in high state of cultivation, level, 44'x62' barn for loose housing for 50 - 75 steers, attached 36' 96' tobacco shed, 32'x48' block barn with 20 stalls & concrete troughs for dairy with 12'x40' silo, 28'x50' concrete block garage, 45'x18' hog barn. 2½ story frame & aluminum dwelling large closets, modern kitchen, electric heat $266,000-00

CALL SHEETZ REAL ESTATE
Area 717-653-1481

REAL ESTATE

REAL ESTATE

LANCASTER COUNTY

POULTRY FARM - This 47 ACRE - MONEY MAKER located north west of Manheim is being offered for sale because the owner is relocating to Canada. Presently growing 64,000 pullets under contract. 5 year contract is available. Among the extras on this farm is a barn capable of housing 250 to 300 hogs OR 30 to 40 steers, tobacco shed, new implement shed (40'x64') with a shop, & a 10 year old 4 bedroom house.

Guaranteed Income with Tremendous Tax Shelter! Good Financing Terms Available!!

Call: 665-2401 or 397-8174 for Details.

PENN REALTY, INC.
112 S. Main Street
Manheim, Pa.1 7545

NEW YORK FARMS

1220 acres top cash crop farm with over $250,000 buildings. $1,200,000., 30% down, balance low interest.

1540 acres, excellent cash crop farm with 100'x2800' FAA approved air strip with lights housing for 8 planes. $1,925,000. 25% down to responsible buyer.

These farms are near each other and could be farmed as one unit with one set of equipment.

260 acre dairy, nearly new 145 free stall, 3 silos, large bunker, double 6 parlor, 2 silos and tank, 2 machine sheds, good double house, 6 year old 4 bedroom house. Only $465,000 Excellent terms.

360 acres, 90 on pipeline, tank, cleaner, heifer barn, good 4 bedroom house, good trailer Only $160,000. Excellent terms.

240 acres, 40 cow barn, silo, 2 nearly new 40x80 buildings, good 4 bedroom house Only $137,500. In Mennonite section

Samples - Try Us
Call 315-364-8311 8 to 10 p.m.
or write:

Roy A. Tuttle, Broker
Box 338, Kings Ferry, NY 13081

CENTRAL PENNA. FARMS

JUNIATA COUNTY
27 acre farmette. Modern masonry house, bank barn, stocked farm pond. Call Mr Crawford.

PERRY COUNTY
109 Acres Woodland. Call Mr Orris

30 acre farmette. Good buildings Spring and stream Call Mr Orris

40 Acres Land, 17 wooded, 1300' road frontage Call Mr Benner.

CUMBERLAND COUNTY
147 acre hog and beef. Brick house, barn & silo Call Mr Niesley.

DAUPHIN COUNTY
2.4 acre farmette. New 2 story house, bank horse barn Call Mr. Niesley

SNYDER COUNTY
21 acres wooded land, 1500' frontage. Call Mr Benner

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177

REAL ESTATE

FARMS

135A level productive, 110 tillable meadow w/ stream, nice brick home, large barn 2 silos, financing available

35A Colonial stone home & barn, ideal horse or cattle farm Will finance

27A Woods, low down payment, 11% financing

2A plots w/woods and stream Will lease purchase

BLUE BALL REALTY
Blue Ball
Pa. 17506
717-354-4536

---

100 ACRES of mountain land near Beech Creek Clinton County. Adjacent state forest lands. Level to rolling terrain. Driving distance to Blanchard Dam. Only $32,500.

THE FAIRMAN AGENCY
210 Main Street
Watsontown, PA. 17777
Phone: 717-538-2582
After Hours Phone:
Walter H. Clemens
RES: 717-437-2167

N. Montgomery Co.
12 Acre Farmette
3-Story, 3-4 Bedrooms, Bath, LR/FP, Country Kitchen
Presently leasing approx. 300 acres.
13% financing available for farming.
RE/MAX
Professionals, Inc
Realtor
Abington
(215) 572 1400

FARM FOR SALE SNYDER CO. PA.

122 A (approx) 60 A tillable 55 A good timber large meadow w/stream Nice 2 story 2 family home, early possession Owner financing possible
717-658-3352 or write.
RD 2 Box 50
McClure, PA 17841

Northeastern Area
PICTURESQUE!
100 ACRE FARM
Modern dairy/cattle operation w/private storybook setting, panoramic views and stream. Charming 4 bedroom PA farm house in good cond., blend of tillable fields, pasture, and woodland. Great location only minutes to Village of Honesdale. Over 3500' public road frontage, comes complete w/2 large barns, storage buildings and garage. Priced for immediate sale. $110,000.
For additional information call:
717-253-4191
FREE LISTING BROCHURE
Davis R. Chant Realtors
Honesdale, PA

SHEETZ REAL ESTATE
RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA
CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

---

108 ACRES OF BEAUTY

Perfect seclusion, Cross a bubbling brook travel up the ¼ mile tree lined lane. 70 acres tillable, productive soil. House needs T.L.C. Priced in the 90's. Low interest financing available
For Information Call:
Carl Diller
KINGSWAY REALTY
RE Salesman & Auctioneer
717-569-8701, 656-6717, 464-2233

Do You Want to Farm?

Then allow us to help you reach your goal. We can do this through several of our listings which have excellent owner financing.

#1 New Listing - 125 acre limestone general farm in Cumberland County. 110 tillable - 8 miles from Mennonite Church.

#2 Beautiful dairy with 60 stanchions and pipeline - barn 9 years old. 237 acres-180 tillable. Several equipment sheds and 20x70 silo. A real turn key operation in Union County.

#3 Open acreage in Lancaster County - 46 acres in high state of cultivation. Also another tract of 40 acres.

#4 Large fruit farm in Cumberland County with the possibility of five 10 acre lots.

#5 97 acres of woodland with Campsites and Operating Grist Mill. 10% owner financing.

Call for more information on these and other properties.

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270
Sylvester Baum, Carlisle, 717-776-3967
Mahlon Oberholtzer, Lancaster, 717-392-1177
Broker-J Irvin Denlinger
717-898-8962

#328: 250 ACRES. 180 tillable. 51 cow barn with all barn equipment 18x50 silo. Remodeled 8 room home with new kitchen. Excellent views. Long road frontage, large fields Large assumeable mortgage. $160,000. Cows and equipment available.

#329: UNBELIEVABLE BUT TRUE $159,000. will purchase this 125 acre level farm with 100 tillable New-Nutrumatic silo for h m.s c plus 16x45 silo. Very good 34 cow tie stall barn. Good 2 family home Several outbuildings 40 Holsteins plus all equipment. Immediate possession.

#330: MOHAWK VALLEY 360 acres, 235 tillable 120 free stall barn Double 8 parlor 2 24x70 silos and auto bunk feeder New y.s barn, attractive home Priced at $265,000 200 Holsteins plus all equipment available Large assumeable mortgage Spring possession

#331. 1000 ACRES with excellent 100 cow barn with 1000 gal tank 6 unit pipeline Very nice 2 farm home Long road frontage Excellent setting Also great for beef or horses

#332. 190 ACRES with 130 tillable 55 cow tie stall barn. 16x45 silo Very good home. Large assumeable mortgage $132,500.

#333. 1500 ACRE CROP FARM 1300 acres tillable, large fields Excellent soil area 2800; air strip with lights A very good set of buildings

COBLESKILL
Country Boy Realty
MAIN OFFICE
140 EAST MAIN STREET
COBLESKILL, NEW YORK
PHONE 518/234/4371

REAL ESTATE

250 Acre Dairy Farm

200 tillable, 5 silos, 1500 gal bulk tank, double six herringbone, automatic take off, 133 free stalls, 14 room house, 2 baths, Asking $825,000 Possible owner financing
Call Walt Ewing:
614-267-3740
Property is 3 mi. N. of Ashland, Ohio

FOR SALE

563 TOTAL ACRES - 284 5A apples, 27 8A cherries, 110.5 open land, 140 4A woods and misc. in Wayne County - Join your neighbors in the second largest farm produce county in United States in beautiful upstate New York - overlooking Sodus Bay on Lake Ontario. Consists of 6 adjoining parcels operating as one farm. 16,175 sq. ft of barns, workshops, storage and labor housing plus airplane hangar and runway. Production figures and financing available - $690,000. Optional extra $200,000. worth of farm equipment.
ROD GRAYBILL BROKER
(315) 331-3680

ST. LAWRENCE VALLEY

OWNER RETIRING...165 Ac. 100 T T Barn, Silo, 2 Springs, Borders creek, House in excellent condition, All Equipment included for dairy farming. Price $115,500. Owner financing possible.

$140,000. .130 Ac Equipped dairy farm, close to college town. Owner financing

725 Acres, large flat meadows, suitable for haying, other crops, development, several acres of large mixed hardwood & pine, borders creek. Can be divided. Small downpayment.

LODGE... Excellent hunting, fishing in area Lodge is in excellent condition, gas lights, spring water, $35,000.

FOURNIER REAL ESTATE
Gouverneur N.Y. 13642
315-287-4065

CENTRAL NEW YORK OFFICE

VERY NEAT: this 220 acre farm was just listed and priced right, it has 150 acres tillable loam soil Nice laying fields on good road 55 cow barn has Surge pipeline, 20x60 Harvestor silos plus 2 concretes with unloaders Small heifer barn Clean 8 room home with oil/wood heat 55 Holstein milkers, 35 head of young stock 3 tractors and complete machinery $300,000

MANICURED SMALL FARM WITH 18,700# HERD. you won't find a much prettier operation than this, barn milks 52 on 4 unit Surge pipeline, has Patz cleaner and 2 mow elevators 32x48 pole barn 10 room colonial, home in pristine condition 34 Holstein milkers, 21 heifers, tractors and good line of machinery LISTED LAST WEEK! $220,000 COMPLETE FREE CATALOGUES WIMPLE REALTORS, SLOANSVILLE, N Y 518-875 6355

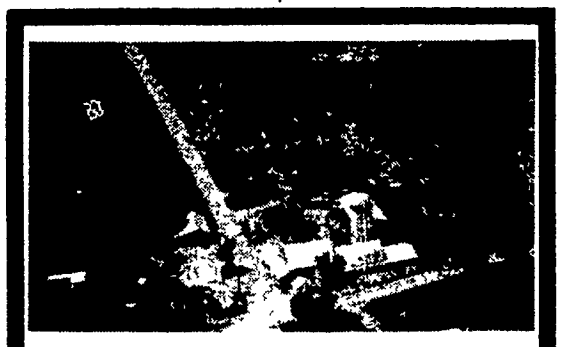
SOUTHERN NEW YORK OFFICE

QUALITY FACILITIES FOR 117 HEAD this 360 acre farm has a good location in South Central NYS, 155 acres tillable, mainly clear alfalfa seeding on the meadows Excellent barn formerly held Registered Holsteins in the 97 large tie stalls Connecting heifer barn has 20 ties 2" Surge pipeline (2) 20x50 Globe silos Home has 4 bedrooms, office, dining room Mobile home available Asking $172,000 with offers considered Large assumable mortgage CALL TRUMAN SBURG OFFICE 607-387 9303 FREE CATALOGUES

ST. LAWRENCE VALLEY OFFICE

PICTURE-PERFECT SHOWPLACE FARM the white rail fences surrounding this farm set off the crisp, white buildings Barn has 65 inverted V ties for large registered cattle, 2" pipeline to 800 gallon tank, 2 lrg silos servicing the barn & 65' covered feed bunk 3 stall garage, large machine shed Main home straight out of "Better Homes and Gardens", has island kitchen massive stone fireplace, patio w/inground pool Stately stone tenant house on lane Third home also in pristine condition, (almost new) 362 acres, 200+ tillable High state of cultivation Tall, milky purebred herd of 104 includes 65 milkers w/high herd average 3 newer tractors, newer machinery $440,000 with owner terms Brand new moneymaking highway fruit stand available for $7000 extra (cost) PICTURE BROCHURE CALL GOUVERNEUR 315-287 4163

REAL ESTATE



By Owner: Southern Tier, NY 131 acres - 82 cow barn, pipeline, 1000 gal bulk tank, 45 freestall heifer barn New home Good milk market, ideally located $195,000
607-625-3625 weekdays

CECIL COUNTY, MD

113 acre dairy & beef farm 16 Acres in PA, balance in MD. Good set of farm buildings, level land. Deep top soil.

YORK COUNTY, PA

Fawn Grove Area
One of York County's top dairy farms 196 acres, 130 tillable, 40 pasture & balance woodland

LANCASTER COUNTY

Colerain Twp.
23 acres beef or horse farm. 17 acres tillable 6 acres pasture Buildings in excellent condition

Call to see these farms & others.

Theodore B. **Pyle Realtor**
100 East State Street, Quarryville, PA 17566
(717) 786-1020

THE FAMILY FARM IS THE BACKBONE OF AGRICULTURE

For the hardworking farm family, lg. barn steer or cows, milk house, cow stable, 2 hog barns, implement shed & corn barn. Produce trade & peach orchard, pond, spring & 100 acres w/plenty of road frontage. Brick house w/new kitchen, ideal setting, good soil, Juniata-Perry Area, only $149,900.

SNYDER COUNTY

115 Ac., approx. 1 mi, front Rt. 11-15, lg. Colonial brick home, make offer.

103 Ac. including 50 Ac. orchard and equipment. Ex. water supply. Possible lease purchase.

JUNIATA CO.

266 Ac. 150 till., farm bldgs. Amish community, motivated seller.

242 ACRE CHESTER CO.

Highly productive grain and steer farm, beaut. stone home, loc. near Rt. 30 Interchange. Zoned ind. and residential growth.

WEST OF YORK

Just over the York Co Line, 114 Ac. beef, hog, possible dairy. Good set of bldgs. w/2 story stone home. Reasonably priced.

LANCASTER CO.

20 Ac. 300 fruit trees, ex. brick rancher, barn etc. Lanc. Co. Poss. owner financing.

HUNTINGDON CO.

1½ mi. to Raystown Lake, 72 till. 92 Woodland, Pasture, Perfect setting for campsight, 178 Ac.

3 LIMESTONE FARMS

Northumberland Co.
in the same neighborhood
128 Ac. dairy, 2 rows of 58 tie stalls, silos, trench, 800 gal tank, good home, poss. fin.

105 ac. 100 steer capacity, no house, greatly reduced.

100 Ac. gen 14x60 silo, 5 br. home, good bldgs., near Rt. 147, view of river.

10 Ac. 206 veal calf operation. 1½ ac. orchard, make offer.

Several tracts of woodland would make nice retreats; Snyder, Mifflin Co's.

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone 717-569-8701
or Leola 717-656-6717
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Top selection of dairy and other farms in Central N.Y.

Lists Available Call

Farm and Rural Property Specialists

Homestead Realty

Auriesville Rd
Rd 1 Fultonville,
N Y 12072
518-922-6301

Franklin Co. - 180 acre dairy farm Pipeline milkers Mostly all tillable.

28 Acre Farmette - Brick home, nice view, barn

Century 21
Koons Realty
1949 Buchanon Trail East
Shady Grove,
PA 17256
717-597-8300

FARM FOR SALE

Nittany Valley
Near Lamar
Route 64

101 acres, 70 acres tillable, a dairy farm, 33 stanchions, 10 horse stalls and box stalls Large dairy barn 80x110 Silo 14x55, corn crib, 16x18 milk house 2 large meadows, large stream, Limestone land Some wood land 2½ story farm house Bath, 2 car garage •Located in the heart of Nittany Valley off Rt 64 at Hoy Road, West of Lamar

Terms - Asking less than $1600 an acre 10% down, 20 years pay off 25% 1st year, 10% interest Possession on or before March 1st 1982

MAURICE E. LEHMAN, BROKER
1960 Horseshoe Road
Lancaster, Pa. 17601
717-394-2460 or
Daniel E Snader, Agent
New Holland RD 3,
Pa. 17557
717-656-7789

FARM FOR RENT

24 acres tillable, lg. barn, silo and manure pit, suitable for sows and/or heifers. 2 bedroom house, modern kitchen, central heat. Upper Lancaster Co. References required.

215-267-7846

PUBLIC AUCTION

19 Acre Farmette
Located in Haines Township
Centre Co , PA
Saturday, November 21
Property Offered at 1 00 P M

Located 5 miles east of Millheim, PA off Route 45 Turn North on Apple Butter Rd to stop sign, then right on Cemetery Rd. Approx. 200 feet to white fence & left on dirt lane to farm buildings Watch for signs

13 acres tillable land and 6 wooded Trout stocked pond, fenced pasture, 2 story wood frame house w/asbestos shingle siding & tin roof Large knotty pine country kitchen, LR, recroom, 3 BR 1½ baths, basement coal wood room heater, 1000 gal septic, hand dug Artesian well Good barn w/tin roof, garage & workshop outbuildings Furnished cabin that sleeps 12 comfortably w/lg picture window overlooking pond & valley Ideal hunting & fishing country

Terms. 10% at knockdown Balance 30 days w/delivery of deed

OWNER **DON COUP**
SAMUEL J GREY, AUCTIONEER
815-355-9668
Not Responsible for Accidents

62± acre general farm private setting, large, 12 room home, coal or oil heat 30x60 bank barn, 35 tillable 15 pasture 10 wooded Possible owner financing 25% down 12% interest $79 000

Ringtown Valley, 176 acres, lg gravity water supply to house, barn and pond, vegetable or crop farm, 88 tillable, balance wooded, bank barn, 7 bedroom house, possible owner financing at 10% $150,000

Lykens Valley 160 ± acre operating dairy farm new 40 stanchion barn plus 40x100 hay storage barn new 20x70 silo stream borders large 6 bedroom home, secluded **$350,000.**

Several 400 500 Acre Farms

Plain Acreage

49 acres secluded but near I-81 15 tillable, balance wooded, some timber excellent deer hunting, possible terms at 12% interest $39,000

1 acre to 22 acres

PETER B.
CORTELYOU
Real Estate
717-758-9177

JUNIATA COUNTY

235 Acres
90 Open Land
70 Tillable
Pond/3 Streams

Nice Home
2 Car Garage
Old Bank Barn
Equip. - Corn Barn

Believe It or Not... **$165,000!**

Possible Some Financing

★ Grain Equipment For Sale ★

RICH BRANDT REALTORS
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

LIMESTONE GROUND STONE HOUSE

HUNTINGDON COUNTY — 15 miles from State College - Beautifully restored 3-bedroom stone house, plus 4-room all-electric apartment. Abundant spring water, second spring, streams, farm pond, 100 tillable acres (predominantly Hagerstown), 30 acres pasture, with barn and outbuildings. This is the house and farm for you $260,000.00. Owner will subdivide house, barn, and 17 acres.

CALL:
TRI-COUNTY REAL ESTATE AGENCY, INC.
305 Penn Street, Huntingdon, Pa. 16652
(814) 643-5010

UNITED FARM REAL ESTATE

Blair County
81 acre farm in Old Order Mennonite area Nice dairy barn 18x60 silo w/new unloader & bunk Two wells - nice outbuildings large house - gently rolling to flat limestone land $225,000

175 acre general farm 145 acres flat & rolling good corn, hay & crop land

Huntingdon County
185 acre hog farm farrow to finish modern operation 2500 creek frontage good corn land

New Listing Blair County 47A horse or beef farm New steel horse barn & arena Stream

Call United for your farm needs, to buy or sell "United" is the largest advertiser of real estate in the U.S.

Farm Listings Needed
UNITED FARM AGENCY of PA., INC.
Real Estate
R D #1 Box 395 D
Roaring Spring, Pa 16673
814-224 4464

PENNA FARMS
CUMBERLAND CO.

161 A. GENERAL
Level sandstone soil, 10 room stone & aluminum house, large bank barn. OWNER FINANCING.

HUNTINGDON CO.

166 A. DAIRY
Spacious brick rancher with attached office & 2 car garage, bank barn, implement storage, timber, stream, road frontage, plus 1 room brick school house.

144 A. DAIRY
Gently rolling land, 24 tie stall barn with 6 unit Surge pipeline milker, 1000 gallon tank, stable cleaner, silos, 90 free stall barn with 100' feeder, additional heifer barn. New 10 room house ready for today's dairyman.

136 A. DAIRY
Bank barn, 20 tie stalls, 300 gal. tank, silo, stream & road frontage - Trough Creek Valley.

PERRY CO.

106 A. DAIRY
Bank barn, 30 tie stalls, 2 silos, no dwellings.

"GIVE US A CALL"

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

PENNA. FARMS

Berks County

Oley Valley Showplace - The Oley Valley's finest farm, 100+ acres with 2 lg,, gracious stone houses in outstanding cond. plus apartment over a garage, lg. beef barn, many outbuildings in outstanding cond. including lg. workshop and 4 car garage. Lg stream through property. 80 acres tillable, 15 acres in pasture, outstanding potential for a party totally interested in agriculture. Municipal sewer located on premises. $545,000.

Pikeville - Lovely 78 acre farm at the edge of fertile Oley Valley, partly restored stone house with 3 bdrms Picturesque, secluded setting and well maintained bank barn make this property ideal for the gentleman farmer. Approx 20 acres tillable with more available. Springs and additional outbuildings on property. Don't miss this great opportunity! $198,500.

Montgomery County

Schwenksville area - Outstanding 112 acre former dairy farm, approx. 83 acres tillable, 17 acres woodland, 12 acres pasture. Lg. stone double house and many outbuildings. Several streams and springs on property, currently utilized for beef, lg. amount road frontage makes this farm attractive not only for agriculture, but also for future development, prime location, owner financing available, $300,000.

SPECHT REALTY
Offices-Pottstown, Boyertown, Fleetwood
215-323-7720
Eves. 215-323-3610
or 215-326-4929
REALTOR®

FARMS & LAND

F1-26 Perry County, 180 acre general farm. Presently beef/calf operation: 4 bedroom 1½ bath house, owner financing available on $100,000 Full price is only $221,000

LO-77 Wooded tracts in Juniata Co. Near McAlisterville. 10A & up. Underground utilities $1200/A Less for larger tracts. Generous owner financing. Cash discount Call Don

L1-21 Central Snyder Co 47 acres near state game lands $34,900

F1-14 Beautiful 3 bedroom stone ranch home w/heat pump. Built in 1978 Road frontage and stream Stone fireplace 2 small barns and implement shed complement this 10 acre landscaped property. Juniata Co Only $89,900 Call DON today

F1-02 103 acre run down farm, log house, approx 20 acres tillable, excellent hunting area $69,000.

FO-500 Not your average farm! Highly productive and excellent buildings to match 2 story immaculate home. In-ground pool Presently beef operation but readily convertible to dairy 112 acres Columbia Co. $210,000

L1-25 Approx 8 acres country living, lovely building site, Mt. Pleasant Mills area Only $15,000.

Other Farms Also Available

Bowen Agency inc.
REALTORS®
22 North Market St.
Selinsgrove, PA

"PHOTOS BY WIRE"
717-374-2165
Evenings call Realtor Assoc.

Phil Graybill, GRI
Snyder/Union
717-374-8038

Don Bashore
Juniata/Perry
717-436-9213

CHESTER COUNTY

140 acres with 2 sets of farm buildings. 2 streams. $320,000.

65 acres with substantial 4 BR stone home, bank barn. Guest house, 2 ponds, stream. $350,000

124 acres operating dairy farm. Double stone home. Split-level tenant house. Barn has 82 stanchions, barn cleaner, pipeline milker, 4 silos. Asking $535,000

PORTER & PAINTER
Exton, PA Realtors 215-363-7700

NORTHCENTRAL PA. FARMS & INVESTMENTS

Priced To Sell — Priced To Sell

THE SETTING CAN'T BE REPLACED - Farm in the Eastpoint area of Tioga County, Pa. Near Liberty. 48± acres with tillable, pasture, woods & large pond. Excellent beef, horse, or heifer barn w/new paint & roof. Large 4-5 bdrm. farmhouse & bungalow for help or rental. Just $67,500. Terms. M-285 PH: 717-662-2138.

STATE LAND ON 3 SIDES - for fantastic hunting at your back door, Pine Creek 1 mile for great fishing! 90A mostly wooded w/beautiful bldg. sites & several springs. Terms can't be beat!! 25% down, 10½% int. for 15 years at $425/A. W. Tioga Co. C577. Call 814-367-2249.

HUNTERS DREAM - 80 acres mostly wooded in the heart of Tioga Co. Great hunting for deer, turkey and grouse. Owner terms 20% down 11% interest 20 yrs. with 10 Yr. balloon. Only $34,000 w-564 PH: 717-724-5921

CAMP WITH COMFORTS OF HOME-- within walking distance of Pine Creek & State Land. Remodeled kitchen, full bath & 3BR. Insulation, well, septic & N.G. heat. Near Tioga - Potter Co. line. Great price at $19,900! C639 Call 814-367-2249.

CALL OR WRITE US FOR OUR FREE LISTS!

THE Real Estaters — REALTOR

Offices: Area Code - 717
TIOGA & POTTER Counties call or write
WELLSBORO, 120 East Ave - 724-5921
WESTFIELD, 108 Main St. - 814-367-2249
MANSFIELD, RD 1, Box 41 - 662-2138

OUR #1 AIM IS SERVICE

REAL ESTATE | REAL ESTATE

250 ACRE FARM:

Suitable for beef, horses or cash crop, 135 tillable loam plus pasture, and timber, road frontage and exc. hunting, large barns, outbuildings, family home and equipment. OWNER FINANCED - REASONABLE DOWN 32S

528 ACRE FARM:

330 tillable - 176 hardwood, 105x180 free stall barn, 36x60 gambled roof barn, 6 silos, 300 ton corn crib, 2 735 gallon bulk tanks, milking parlor, 2 houses, 3 house trailer sites, grosses $200,000 34S

Century 21
Lane Agency
607-962-2426
or
607-776-7682

MONTGOMERY COUNTY, N.Y.S.

175 acres 75 cow farm mint condition, barns & house. All good machinery & some heifers. Owner financing to qualified buyers Good production farm. $198,000.

LOOK! LOOK!

Year round or weekender 2 bedroom sound log home on 60 acres trees. 2 car 2 story garage with apt. started. Deep pond w/rainbow trout & swimming dock. Terraced breathtaking view of Adirondacks Mts. Private. Possible owner mortgage $125,000. Make an offer - you might own it. It's only 4 years old & owner built.

FARM

For the serious dairyman - 280 acres over 230 tillable, 2 houses mint shape. 96 free stalls, over 135 head + good up to date machinery. Take over mortgage. Owner retiring. Bare or stocked & equipped.

Many other farm listings. We will help you find financing if you qualify

DORNS MILLS REALTY
R1 Amsterdam, N.Y.
Mary Ripley, Br.
1-518-853-3206
Kaye Yurkewecy, Sales
1-518-922-5443
Glenridge Farms
Fultonville, N.Y. 12072

REAL ESTATE

Do You Realy Want To Sell Your Farm?
Contact
Van Cleve Real Estate
Specializing in Farms & Land
717-392-3032

Franklin County - 77 A. house, barn, 60 A tillable. Asking $125,000. Other farms and land.
VanCleve Real Estate
717-392-3032

Father and son team wanting to manage a large beef and crop farm or a large dairy farm. Experienced with large operations, education, extensive agriculture and farm background Excellent references
Call After 8 P M
716-657-7928

Today it takes two...PARTNERS and YOU

WESTERN BERKS COUNTY FARM
64 acre horse or beef farm, 45 acres tillable, borders Tulpehocken Creek, 30'x60' bank barn & 6 room house $137,000 Also similar 69 acre property at $175,000

SOLD

RONALD W KRALL REAL ESTATE
PARTNERS
717-866-2131
ROUTE 422 MYERSTOWN
BRANCH OFFICE
QUENTIN RD LEBANON
717-273-1631
MEMBER LEBANON CO & BERKS CO MULTI LIST
Each office independently owned & operated

MAILBOX MARKET Advertising and SUBSCRIPTION FORM

will be found on Page B38

REAL ESTATE | REAL ESTATE

SOUTHERN LANCASTER CO.

90 ± acre general crop farm in Little Britain Twp. Approx 60 acres tillable, balance in pasture & woodland. Reasonable at $225,000

SOUTHERN CHESTER CO.

130 acre stock farm in Unionville Cheshire-Hunt area Lovely 10 room home. Good barn Excellent views & meadows. Christmas trees ready for harvest Will sub-divide Unusual at $325,000.

LAND ONLY

135 acres land only. Presently in corn & soybeans. Exceptional at $2500/acre.

Century 21®
Pierce & Bair Inc.
100 W. Street Rd.
Kennett Sq., PA 19348
215-444-5536

PAUL M. Longacre FARMS AND COUNTRY PLACES

DAUPHIN COUNTY
86 acre dairy farm (near Hershey) very good soil 80T, pasture, stream, features new 100 cow free stall w/center auto bunk feeder & drive thru feeding 20x70 conc silo w/unloader & conveyor system, 2 story bank barn w/25 tie stalls, also heifer & maternity area 800 & 400 gal bulk tanks 2 car garage & shop, corn crib machine shed, lovely 2½ story home features large kitchen formal DR, LR & playroom 3 bdrms & bath, 2 open porches Call for details **$360,000**

MONTGOMERY COUNTY
55 acre general farm featuring lovely log & stone home w/modern kitchen, center stairs, 5 rooms with livingroom fireplace, 5 bedrooms & bath 2 car garage, bank barn, 2 machine sheds, corn crib, silo & much more A very lovely setting, **$385,000 Reduced to $300,000**

BRADFORD COUNTY
NEW
81 acre dairy farm with lovely frame colonial with 10 rooms & bath 26 stall barn, barn cleaner 2 story garage & out buildings $66,000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

450 acre dairy farm 365 acres tillable featuring 154 freestall barn with 2 bunk feeder units, double 8 Herringbone parlor with sick room, office bath & milkhouse with two 1000 gal tanks Three 24 x 60 silos and one 20 x 55 silo with unloaders 50 x 245 pole styled dry cow & heifer barn with drive through feeding Lovely 2½ story home with 11 rooms & 2 baths 2 ponds All this & much more for $490,000 Call for details #311

180 acre 150 tillable, level land to gentle rolling beautiful big new rancher w/fireplace barn remodeled w/new addition, 58 tie stalls could easily add 16 stalls bulk tank, dumping station 18x65 concrete stave silo w/unloader heifer barn & machinery shed Located on macadam road Sets very nice, must be seen to appreciate All for **$225,000** Cattle & machinery optional Additional acreage available for rent

SUSQUEHANNA COUNTY
140 acre dairy farm, 95 tillable, gently rolling to almost level A picture clean farm operation with 42 stanchions, stainless steel pipeline, 2 box stalls, 6 calf stalls & enclosed spreader pit Two 20 x 40 concrete stave silos with unloaders, 650 gal bulk tank, 2 large poll sheds for machinery & heifers, frame 8 room 2½ story house, modern kitchen, 1½ baths, carport & patio Must be seen to appreciate $225,000 #324

NEW
437 acre dairy farm, 50 stall barn with pipeline, bulk tank, barn cleaner & 18x50, 14x50 & 12x40 silos Heifer barn & machinery shed, shop & garage Lovely stone & frame Colonial home with modern kitchen, 8 rooms & 2 baths Also new second home with 5 rooms & bath Call for details $325,000

74 acres 67 T, features 106 comfort stall barn, 1000 gal tank, pipeline, 89 free stall heifer barn, 30x70 concrete silo, solid 2½ story 4 bedroom home w/bath Asking $165,000 Also renting additional acres

BUCKS COUNTY - NEW
100 acres of level Limcum Bucks County soil, 95T, features lovely 2 story double home w/11 rooms & 2 baths 2 story bank barn w/50 stalls 1 mi road frontage A good operating dairy farm $360,000

Lovely 2 story colonial home w/4 bedrooms 2 boxes, 2 car attached garage, beautiful landscaping 5 acres partly wooded picturesque setting $129,900 Additional acreage available

NORTHUMBERLAND CO
158 acre, 97T, General Farm lovely 4 bedroom home, kitchen living room, dining room & bath 2 story barn, silo & outbuildings Also 2nd home w/eat in kitchen living room 2 bedrooms & bath all for $158,000 #342

SNYDER COUNTY
101 Acre dairy farm features lovely home w/large kitchen, 1½ baths, 4 bedrooms & laundry, 70 freestall barn w/box stalls, 8 stall Herringbone parlor auto feeders, 20x60 concrete silo w/unloader, 40x100 pole building bank barn & much more ~~$180,000~~ Reduced to $170,000 #328

96 acre general farm 60 tillable with nice 2½ story frame colonial double home, 11 rooms, 2 baths 2 kitchens, all in good condition Large barn set up for 10,000 broilers, trout stream on property, good hunting & fishing area ~~$130,000~~ Reduced to $120,000 #307

JUNIATA COUNTY
REDUCED
160 acre general farm, 125 tillable, featuring lovely 2½ story 8 room farmhouse with country kitchen 3 floor 15,000 bird broiler house, 100 x 80 bank barn & 30 acres box wire fencing Concrete silo & large bunk silo, good ground All for ~~$250,000~~ Reduced $210,000 #320

10 acre w/lovely Cape Cod 8 room & 2 baths, full basement in a very nice setting, excellent for hunting or vacation home nice view, **$65,000 #283**

COLUMBIA COUNTY
180 acre dairy farm 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground ~~$225,000~~, make an offer, reduced $210,000 #310

20 acres with small barn, pond wooded and open ground Nice area Financing Available Asking $45,000

NEW JERSEY
80 acre dairy farm, gently rolling to level, streams & pond 2½ story home with 4 bedrooms & 2 baths, large remodeled kitchen, dining rm, & laundry 60 stall barn & 80 freestall milkhouse, bulk tank, large shop, new large machinery shed & corn crib, 14x40 concrete silo & 200x25 trench silo $250,000

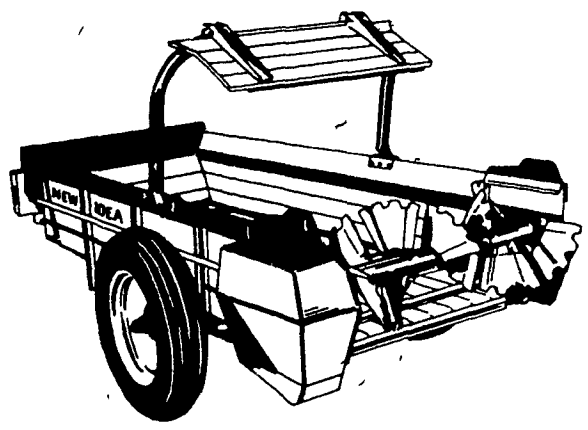
AVCO NEW IDEA
COLDWATER, OHIO U.S.A. 45828

LOW COST WORK SAVERS!

AVCO NEW IDEA
COLDWATER, OHIO U.S.A. 45828

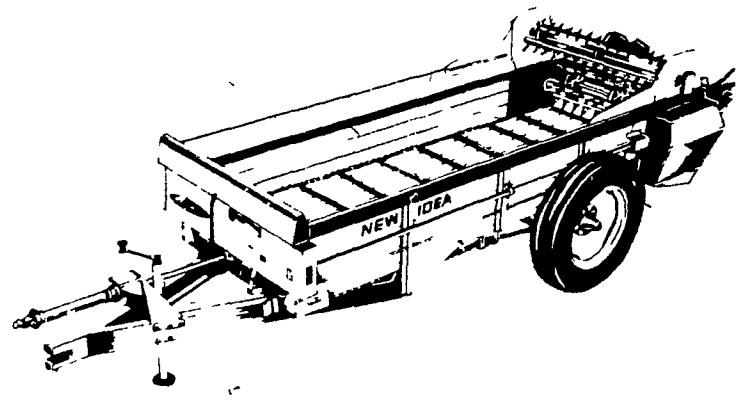
HANDLE SLOPPY MANURE!
DO IT QUICKLY AND CLEANLY WITH A NEW IDEA

Seal in liquids until you get to the field with the use of an optional hydraulic endgate. Available on any Avco New Idea PTO spreader.



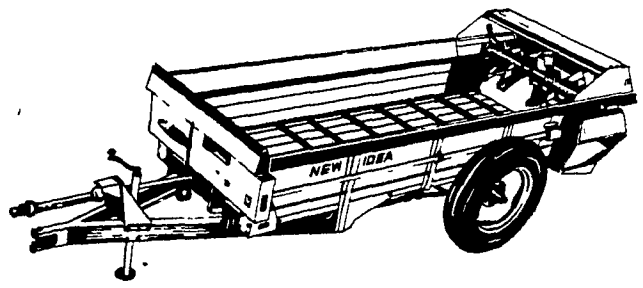
RELIABLE, YEAR-ROUND PERFORMANCE
NEW IDEA CYLINDER-PADDLE SPREADER

Throw down the widest spread possible with "The Widespread." Choose from three sizes...each has the quality features you want. it shreds fine, spreads uniformly and with an optional endgate, handles sloppy loads. We've got a spreader that's just right for you!



NEW IDEA FLAIL-TYPE SPREADER

Handle even hard-packed or frozen manure with this unique "undershot" flail design. It throws an 80" to 90" spread down and back where the wind can't break it up. Optional endgate available for handling sloppy loads.



—GET FULL INFORMATION AT YOUR AVCO NEW IDEA DEALER NOW—

BERKS CO
N H FLICKER & SONS, INC
Maxatawny
215-683 7252

MILLER EQUIPMENT
Bechtelsville, PA
215-845 2911

SHARTLESVILLE FARM SERVICE
RD 1, Hamburg, PA
215-488 1025
H. Daniel Wenger, Prop

ZIMMERMAN'S FARM SERVICE
Bethel, PA
717-933 4114

BRADFORD CO
ALLIS HOLLOW EQUIP
RD 1,
Rome, PA
717-247 2601

BUCKS CO.
PAUL W. HISTAND CO.
Doylestown, PA
215-348-9041

C J WONSIDLER BROS
Quakertown, PA
215-536-1935

BUTLER CO.
ROCK IMPLEMENT INC
Slippery Rock, PA
412-794-5860

CAMBRIA CO.
HINES EQUIPMENT
Cresson, PA
814-886-4183

CENTRE CO
C & P FULTZ EQUIPMENT
R.D 1
Spring Mills, PA
814 422 8805

R.T MARKLE
1841 Pine Hall Dr
State College, PA
814 237 3141

CHESTER CO
CHAS J McCOMSEY & SONS
Hickory Hill, PA
215 932 2615

STOLTZFUS FARM SERVICE
Cochranville, PA
215 593 2407

CLEARFIELD CO
HUTTON FARM EQUIP
Mahaffey, PA
814 277 5504

CLINTON CO
DUNKLE & GRIEB
Mill Hall, PA
717-726 3115

COLUMBIA CO
WILLIAM F. WELLIVER
Jerseytown, PA
717-437 2430

CUMBERLAND CO
ERNEST SHOVER FARM EQUIPMENT
19 West South St.
Carlisle, PA
717-249 2239

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SWEIGARD BROS.
Halifax, PA
717 896 3414

FRANKLIN CO
MEYERS IMPLEMENTS INC
Greencastle, PA
717 597 2170

HUNTINGDON CO
CLAPPER FARM EQUIPMENT, INC
Alexandria, PA
814 669 4465

INDIANA CO.
BLAIRSVILLE FARM SERVICE
Blairsville, PA
412 459 9600

JEFFERSON CO
McGARVEY EQUIP. INC
Reynoldsville, PA
814 653 9637

JUNIATA CO.
PEOPLES SALES & SERVICE INC
Oakland Mills, PA
717 463 2735

LEBANON CO.
HEISEY FARM EQUIPT., INC
RD 1, Jonestown, PA
717 865 4526

UMBERGERS MILL
RD 4, Lebanon (Fontana), PA
717 867 5161

LANCASTER CO
ROY H BUCH, INC
Ephrata, RD 2, PA
717 859 2441

A B C GROFF, INC
New Holland, PA
717 354 4191

A L. HERR & BRO
Quarryville, PA
717 786-3521

LANDIS BROS , INC
Lancaster, PA
717 291-1046

N G HERSHEY & SON
Manheim, PA
717 665 2271

LYCOMING CO
THOMAS L DUNLAP
Jersey Shore, PA
717 398 1391

RICE FARM SUPPLY, INC
Jersey Shore, PA
717 398 1391

MIFFLIN CO
IVAN J ZOOK
Belleville, PA
717-935-2948

215 679 7164
NORTHAMPTON CO.
GEORGE V. SEIPLE & SON
Easton, PA
215 258-7146

NORTHUMBERLAND CO.
MECKLEY'S LIMESTONE PRODUCTS, INC.
Herndon, PA
717 758-3915

SCHUYLKILL CO
L L. ECKROTH FARM EQUIP., INC
New Ringgold, PA
717 943-2367

STANLEYS FARM SERVICE
Klingerstown, PA
717 648 2088

SOMERSET, CO
SUMMIT MACHINERY INC
814 445 2528

SUSQUEHANNA CO
WILLIAM B LOPATOFSKY
West Clifford, PA
717 222 3837

TIOGA CO
WYNNE'S GARAGE
Canton, PA
717 673 8456

WAYNE CO
MARSHALL MACHINERY
Honesdale, PA
717-729 7117

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ACE-JURISTA INC
Tunkhannock, PA
717-836-2610

YORK CO.
AIRVILLE FARM SERVICE
Airville, PA
717-862-3358

GEORGE N GROSS, INC
RD 2, Dover, PA
717-292-1673

CARROLL CO , MD
WERTZ GARAGE, INC
4132 E. Main St
Linboro, MD
301-374-2672

CECIL CO MD
AG INDUSTRIAL EQUIPMENT CO
Rising Sun, MD
301-658-5568
301-398 6132
215-869-3542

FREDERICK CO , MD
KNOTT N GEISBERT, INC
RD 2, Frederick, MD
301 662-3800

HARFORD CO., MD
WALTER G COALE, INC
Churchville, MD 21028
301 734 7722

QUEEN ANNE CO , MD
GIBSONS FARM EQUIP CO
Ingleside, MD
301-758 0262

TALBOT CO , MD
ELLIOTT EQUIP. & HDW
Easton, MD
301 822 8866

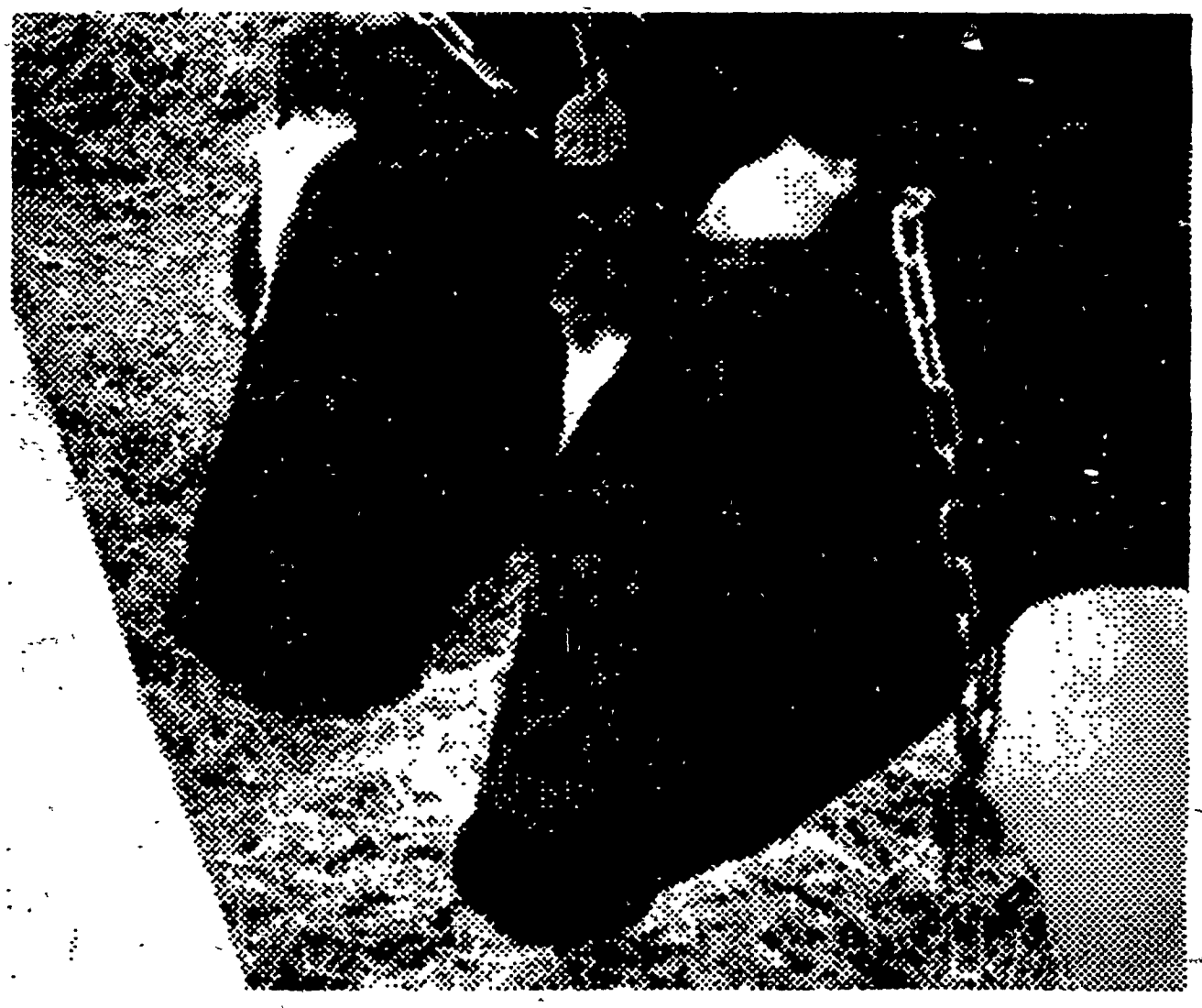
BURLINGTON CO., NJ
REED BROS EQUIPMENT
Columbus, NJ
609 298-3441

CUMBERLAND CO., NJ
LESLIE FOGG INC.
Bridgeton, NJ
609-935-5145

WARREN CO., NJ
FRANK RYMON & SONS INC
Washington, NJ
201-689 1464

NEW

H Q RUMA PASS CONCENTRATE



THE DAIRY FEED THAT CUTS PROTEIN COSTS WHILE MAINTAINING YOUR MILK PRODUCTION

If you think high milk production requires high protein, think again. New Master Mix H Q Ruma Pass Concentrate, when balanced with your roughage feeding program lets you feed less protein without a loss in milk production. So you save on protein while your cows continue producing at their present level. Our research and field trials show that dairymen can cut the amount of protein in the ration by 15% without a production drop. That's a big feed savings.

Stop In At Your Local MASTER MIX Dealer Today and He'll Tell You About MASTER MIX H Q RUMA PASS CONCENTRATES

Master Mix CENTRAL SOYA

More to Gain.™

ABBOTTSTOWN GRAIN & FEED INC.
Abbottstown, PA 17301
(717) 259-0609

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Md. Grange welcomes new Master

FREDERICK, Md. — John O. Swadley, Hagerstown, Md. was elected Maryland State Grange Master during the recent 107th Annual State Grange Session in Frederick, Md.

Swadley replaced out-going Master Rodman Myers, Thurmont, Md., who held the high office for the past four years.

A member of the Wacohu Grange for 34 years, Swadley has served as state treasurer and presently was serving on the State Grange executive committee.

Currently a loan officer for Farmers and Merchant Bank of Hagerstown, the new master will retire from banking in January 1982.

Swadley and wife Thelma, a past state Ceres will represent the National Grange in Spokane, Washington, November 9-16.

Before the Annual Session ended, grange delegates adopted several resolutions on four platforms: Transportation; Agricutlure; Safety Report; Health and Education.

The adopted resolutions are as follows:

Transportation — Charles Brauer, Chairman:

- Support a motor fuel tax increase, provided it be used to improve and maintain present road and bridge construction.
- Revise National Clean Air Act.
- Support increased development of domestic energy resources to reduce dependence on foreign oil.
- Urge judges to enforce new Driving While Intoxicated law.
- Grange support H.R. 4400 and H.R. 3471 of the Clean Air Act.

Agriculture — Jesse Burall, Chairman

- Urge Governor to provide necessary funds for the continuation of the 2-year Institute of Applied Agriculture.
- Urge Governor and Legislature to continue adequate funding of all agriculture programs at the University of Maryland and UMES Campus.
- Urge USDA to take steps to require all tobacco grown in states with quotas, be counted against that quota.
- Urge Congress to fund Soil Conservation Service conservation practices with adequate personnel.
- Request more funding for Agricultural Land Preservation Program.
- Require Department of Assessment and Taxation to mail triennial assessment worksheets to landowners.
- Urge Md. Dept. of Agriculture to assess degree of infestation of Multiflore Roses in each county to determine if it should be a noxious weed.
- Urge Md. Extension Service to include Federal Crop Insurance in their 1982 farmer educational meeting.
- Resolution calling for a 70 percent minimum dairy price support through 1981.
- Develop modern animal agriculture programs to counteract the animal right movement.
- Urge continuation of Federal Milk Marketing Orders.
- Government owned leased land be farmed acording to Soil Conservation Practices.
- Urge CEC products be sold at highest prices.
- Recommends five acres as a minimum size for land taxed at the lower assesment for agriculture use, providing certain production criteria are met.
- Support legislation requiring a five-cent deposit on all non-biodegradeable containers.

(Turn to Page D3)

The new Maryland State Grange officers are: 1st row, left to right, Peggy Royer, Thurmont-Secretary; Nancy Wolfe, Brandywine, Lecturer; Patty Myers, Thurmont-Flora; Mary Lee Dorn, Jarrettsville-Ceres; Frances Darner, Middletown-Pomona; Lavinia McGolerick, New Market-Chaplain; Alice Archer, Emmortion-Lady Assistant Steward. 2nd row, left to right, Charles Peddicord, Patapsco-Treasurer; Adam Plummer, Emmorton-Gatekeeper; Jesse Burall, New Market-Executive Committee; Maurice Wiles, Glade Valley-Overseer; Alton Hoopengardner, Hancock-Assistant Steward; John Swadley, Wacohu-Master; Tom Galbreath, Dublin-Steward; Charles Huff, Leithersburg-Executive Committee; James Bushey, Berett-Executive Committee; Bruce Crum, Glade Valley-Executive Committee.

New Maryland Grange Master John O. Swadley, left, receives congratulations from former Master C. Rodman Myers during the 107th annual session held recently at the Sheraton Inn, Frederick, Md.

At the State Youth Grange breakfast several members were honored. The group includes: front row from left, are, Sharon Schlegel, 1981 National Young Couple and Andrea Myers, 1981 Maryland Princess. On back row from left, are, Scott Wiles, 1981 Maryland Prince; David Harmon, 1982 Maryland Prince; Ken Schlegel, 1981 National Youth Couple; Roger Troxell, Grange Youth of the Year; David Wiles, 1981 National Prince; and Pam Martin, 1982 Princess.

C. Rodman Myers, left, past State Grange Master presents the Maryland State Grange Service Agriculture Award to Young D. Hance, Maryland's first secretary of Agriculture.

Paul Stull, left, of the Frederick Vocation education staff is joined by the three recipients of the Grange Scholarships. From left to right, the honored students are: Barry Burch and Susan Flanigan, Catoctin High School and Atlee Harris of Frederick High School.

Md. Grange

(Continued from Page D2)

✓Urge Farm Credit System and Farmers Home Administration to offer reduced interest loans to bonafide new entry farmers.

Safety Report — Harold Stevens, Chairman

✓Oppose using hazardous waste sites on prime agriculture land.

✓Urge Grange members to cooperate in crime prevention programs.

✓Urge machinery manufacturers to standardize an engine shut-off control on all diesel powered equipment.

Health and Education — Betsy Galbreath, Chairwoman

✓Urge at least one dairy product be served at Grange functions.

✓Milk be packaged in container for convenient use.

✓Grange oppose use of money for past presidents moving their offices continually.

✓Urge Vo-Ag program remain under Dept. of Education rather than be transferred to Dept. of Labor.

✓Urge that current non-retirement users of present Social Security funds be eliminated so system will return to its original intent.

✓Oppose use of yogurt to replace milk and urge Sec. of Agriculture Block to maintain school lunches meet one-third of a child's daily nutritional needs.

✓Delegates approved a dues increase to the state grange.

The Maryland Grangers honored the young and the old during their annual session. During the annual youth session Roger Troxell, Thurmont Grange, was cited for his activities in the youth program during the past year and his devotion to the Grange. Troxell has been serving on the State Youth Team the past two years. He was Steward in the National Youth Officer Corp at the 113th National Grange Session in Lancaster in 1979.

The Grange awarded three scholarships to recent high school graduates planning carrers in agriculture. The recipients are Barry Burch and Susan Flanigan of Catoctin High School and Atlee Harris of Frederick High School

For their more than 60 years of active service to the Grange, Lena and Austin Renn recieved the Service to Maryland State Grange award. The Renns are members of Ballenger Grange.

State Grange Deputy Bruce Crum installed several new officers. The new officers included: Overseer, Maurice Wiles — Glade Valley; Lecturer, Nancy Wolfe — Brandywine; Steward, Thomas Galbreath — Dublin; Asst. Steward, Alton Hoopengardner — Hancock; Lady Asst. Steward, Alice Archer — Emmorton; Chaplain, Lavinia McGolerick — New Market; Treasurer, Charles Peddicord — Patapsco; Secretary, Peggy Royer — Thurmont; Gatekeeper, J. Adam Plummer — Emorton; Ceres, Mary Lee Dorn — Jarrettsville; Flora, Patty Myers — Thurmont; Pomona, Frances Darner — Middletown; Executive Committee, Lester Stem — Medford; J. Adam Plummer; and Jesse Burall — New Market.

C. Rodman Myers, right, is joined by Austin and Lena Renn, who were presented the Service to Maryland Grange Award. The Renns, members of Ballenger Grange, have been active in Grange for more than 60 years.

Winter machinery maintenance pays

NEWARK, Del. — Except for land, machinery represents the largest investment on farms today, with total investment costs often exceeding $150 per acre.

"Farm machinery operating costs are skyrocketing, with fuel increases leading the way," says University of Delaware Extension agricultural engineer Tom Williams. He says a study at the Alabama Agricultural Experiment Station shows operating costs more than doubled from 1977 to 1980.

"It now costs over $200 a day to operate a 160-horsepower tractor, excluding labor," he reports. "It costs about 15 cents per horsepower per hour to rent a tractor, or $15 an hour for 100 horsepower." Replacement costs are also astronomical, with new combines selling for over $100,000.

Proper care and a sound perspective maintenance program on farm machines can help reduce operating costs and prolong the life of your equipment.

Study operator's manuals regularly for suggestions on preventive maintenance. It really pays off, says Williams.

Here are some tips from him on how to store your farm machinery for the winter.

Remove oil and grease from belts and rubber tires. Reduce tension on all belt drives and remove the load from the tires.

Retract all hydraulic cylinders to prevent rusting rods, which can ruin seals. Coat any exposed cylinder rods with grease or rust preventative.

Gasoline engines that won't be used for three months or more — such as lawn mowers — should be drained of all fuel in the carburetor as well as the gas tank. This prevents gum deposits from fouling the carburetor jets.

Diesel engines such as irrigation engines that can't be drained of fuel should be left with ful tanks to prevent condensation and subsequent water in the fuel system. Next year, try to use all the old fuel before you add new fuel to the tanks.

Start and operate engines every six weeks for 15 minutes or more this winter, if it's practical to do so. This will evaporate accumulated moisture, reoil the cylinders and recharge the batteries. Batteries can freeze and crack if left uncharged in cold weather.

A machine shed can increase equipment life by 25 percent, says the engineer. It will also reduce repair costs by 25 percent. A sound investment.

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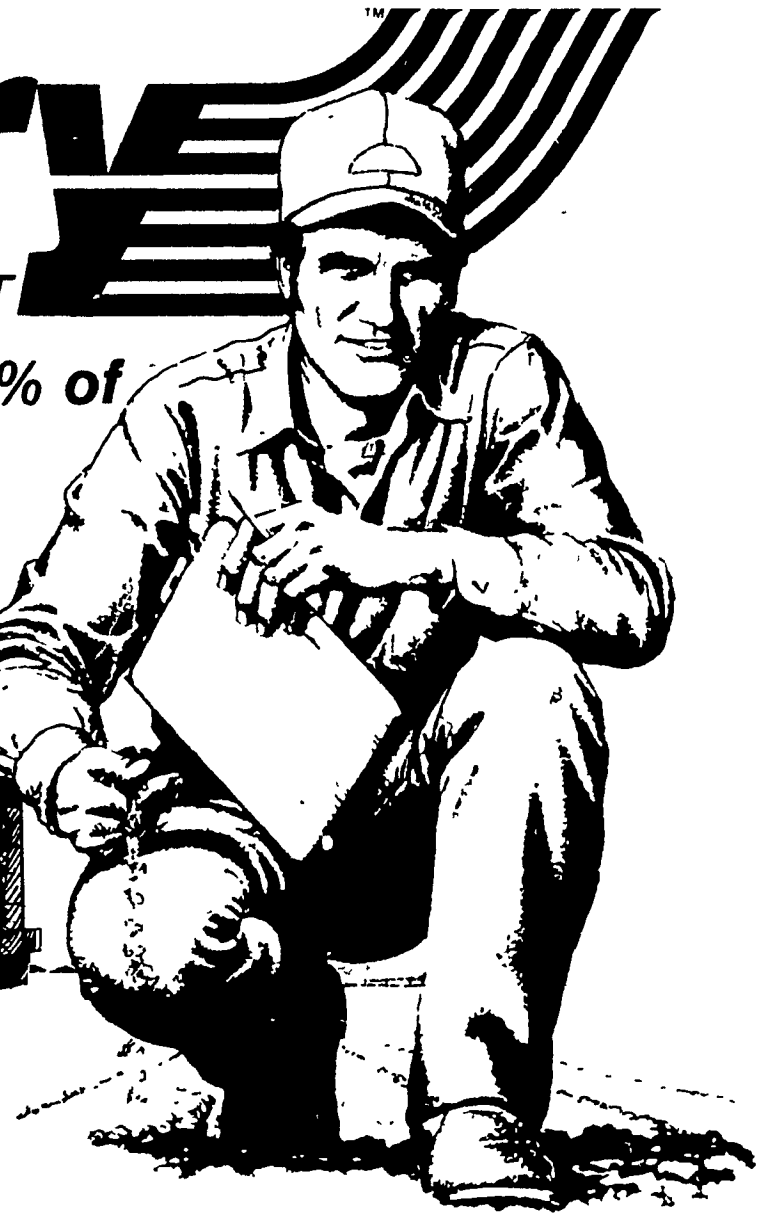

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Perry County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

September 1981

The Perry County DHIA Report of September, 1981, lists the herds averaging 1 5 lbs of butterfat or over per day

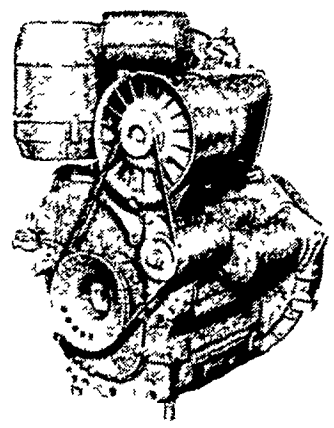
NAME	BRD	NO COWS	% COW DAYS IN MILK	LBS MILK	LBS. FAT	% FAT
Kenneth R Benner	3	62 3	94 3	55 8	4 0	2 22
Ray E McMillen	3	64 5	90 3	63 4	3 5	2 19
Ed & Wilma McMillen	3	40 1	92 9	59 8	3 6	2 13
Carl E McMillen	3	78 4	95 6	54 7	3 8	2 10
Milligan Bros	3	64 0	92 6	54 9	3 7	2 04
Edwin L Sheibley	B3	57 8	88 2	56 7	3 5	2 00
Donald Dum	3	33 3	93 7	51 8	3 7	1 93
Alfred Albright	B3	97 2	86 7	52 3	3 7	1 92
Milmay Farm	3	55 5	91 4	52 7	3 6	1 91
R Jack Crozier	00	45 0	91 1	47 1	3 9	1 85
O & W Campbell	B3	58 6	87 8	52 0	3 5	1 83
Dumbelle Farms	3	45 9	91 0	51 5	3 5	1 82
Benjamin E Dum	3	49 4	88 7	49 1	3 6	1 78
James M Palm	B3	45 1	92 1	50 8	3 5	1 78
Dean McMillen	B3	40 2	83 2	47 2	3 7	1 76
Richard G Smith	3	51 7	90 7	50 5	3 5	1 75
Eugene M Nolt	G3	44 6	92 3	51 5	3 4	1 75
John E Book	B3	38 0	93 0	45 6	3 7	1 70
M W Smith Farms	B3	56 1	92 2	49 4	3 4	1 69
Nevin G Rice	B3	80 7	87 7	44 2	3 8	1 66
Bratton View Farm	3	69 4	89 5	43 8	3 7	1 62
David H Weller	B3	44 0	80 4	44 0	3 7	1 62
H & P Barkley	B3	44 9	95 5	43 7	3 7	1 62
Philip Brubaker	B3	51 0	87 8	44 4	3 6	1 61
Mt Home Farm	B3	83 3	89 1	45 1	3 5	1 60
John L King	B3	44 0	90 2	45 8	3 5	1 60
Max Reapsome	3	53 2	81 0	42 5	3 7	1 59
W Martin & Sons	B3	137 0	83 2	42 2	3 8	1 59
Frank Rice	3	54 4	90 7	42 5	3 7	1 59
Dean Loy & Son	B3	50 4	81 4	45 1	3 5	1 58
J & C Achenbach	3	44 3	93 2	43 5	3 6	1 58
D Brofee & Sons	B3	115 0	85 1	44 9	3 5	1 55
Dobbs Brothers	3	30 9	88 0	44 7	3 5	1 55
Charles C Byers	3	27 0	92 3	45 7	3 3	1 52
Harry R Book, Jr	3	42 7	93 1	40 6	3 7	1 52
Edward Horn	B3	31 0	84 6	41 9	3 6	1 52
Dale Smoker	B3	64 9	81 4	41 9	3 6	1 52
Richard Kriebel	3	43 3	78 0	40 7	3 7	1 51
Leon M Martin	G3	62 8	83 9	47 5	3 2	1 51
Arthur E Dum Jr	B3	44 3	80 8	40 7	3 7	1 50

Listed below are completed lactations of 650 lbs of butterfat or over

OWNER NAME OR NO.	BREED	AGE AT CALVING	DAYS IN MILK	LBS MILK	LBS FAT	% FAT
Alfred Albright						
Nomie	H	9 3	305	20,266	4 1	824
Jubilee	H	6 0	305	20,038	3 8	755
Liz	H	6 4	305	18,590	3 6	663
Sus	H	6 11	304	21,623	3 3	721
Toots	H	7 2	282	20,923	3 8	796
Blackie	H	4 11	305	22,854	3 9	884
June	H	5 11	305	24,596	3 6	892
Dorky	H	5 0	305	20,925	3 6	750
Cora	H	5 0	305	19,902	3 9	779
Allen	H	5 1	304	22,890	3 8	866
Dora	H	4-10	305	17,864	3 9	702
Starlit	H	9 0	269	19,196	3 5	674
Money	H	4 9	305	20,984	3 8	805
Milmay Farm						
Kim	H	4 5	305	16,972	3 9	660
Content	H	4-2	305	23,645	4 3	1014
Lou	H	4 2	305	15,821	4 3	687
Lovely	H	3 1	305	23,078	3 7	849
Grace	H	3 4	305	16,715	4 5	745
Charity	H	3 1	305	18,843	4 2	784
Carl E McMillen						
Trudy	H	12 3	305	19,265	3 4	662
Star	H	10 10	297	25,157	3 9	971
Lucky	H	7 3	305	22,157	4 1	914
Crisco	H	3 2	305	18,144	4 1	752
Ray E McMillen						
Gentle	H	7 9	305	24,156	3 6	860
Jacklin	H	6 8	287	20,186	4 2	855
Jim	H	5 1	295	20,684	3 9	801
De De	H	3 6	305	21,253	4 3	915
Jody	H	3 2	299	20,821	3 7	770
Nevin G Rice						
#57	H	9 0	305	18,619	4 0	744
#109	H	8 4	305	18,875	4 1	765
#129	H	6 9	305	18,567	4 0	750
#225	H	3 8	305	21,172	3 3	693
#245	3	3 2	305	18,254	3 9	705
Lyons Brothers						
Ruby	H	6 1	305	20,793	3 8	795
Diane	H	5 4	305	18,920	3 9	741
Max Reapsome						
#112	H	4 3	305	18,408	3 7	683
Wm E Martin & Sons						
#138	H	6 4	305	19,640	4 2	826
#151	H	6 2	305	20,238	3 8	778
#238	H	4-7	305	20,876	3 7	776
#269	H	4 2	305	19,258	3 8	723
#270	H	4 2	305	17,601	4 8	843
#272	H	4 2	305	20,328	4 0	822
#315	H	3 4	305	20,165	3 9	796
#310	H	3 5	305	16,827	4 4	738
#335	H	3 2	305	21,777	3 4	743
#337	H	3 2	298	18,120	3 7	675
#398	H	2 3	305	17,598	4 0	700
Mt Home Farm						
#255	H	7 10	305	16,154	4 5	726
#274	H	6 1	305	21,869	3 4	742
#288	H	5 10	305	23,078	3 3	758
#352	H	4 6	305	21,613	3 8	811
#357	H	4 4	305	18,861	4 4	829
#321	H	5 3	276	16,818	4 0	666
Donald Dum						
Missy	H	11-3	305	20,174	3 8	775
Sandy	H	4-3	305	21,284	3 8	814
Benjamin E Dum						
J J	H	2-0	305	17,997	3 8	677
Dumbelle Farms						
Missy	H	6-1	305	19,634	4 8	940
Ivan	H	2 3	305	18,655	3 7	695
David Trout						
#256	H	5-2	305	18,573	3 7	688
Frank Rice						
Millie	H	9-2	305	18,903	3 7	698
Beverly	H	5 0	293	17,632	4 0	708
Pin	H	3 11	305	20,839	3 8	795
Milligan Bros						
Pauline	H	4-3	305	23,297	3 5	826
Susie	H	4-5	287	17,710	3 9	690
Edna	H	3-7	305	22,298	3 1	699
Candy	H	3-3	305	20,930	3 4	719
Bertha	H	3-0	305	19,654	3 8	753
Dean Loy & Son						
Kim	H	5-11	295	20,291	3 3	671
Rose	H	5-2	305	21,035	3 5	732
John E Book						
#16	H	7-2	305	23,230	3 9	907
#59	H	4 4	305	18,990	4 3	821
#63	H	3-8	305	17,090	4 2	715
Clark W Bower						
Day	H	4 5	305	19,542	3 6	702
Bratton View Farm						
Hefty	H	4-2	299	21,185	3 4	718
Sand	H	1-10	305	17,951	3 7	671
Anabele	H	1-10	305	18,035	3 7	674
Hester	H	2-0	305	22,569	3 0	687
Delmar Brofee & Sons						
Jan	H	9 4	305	17,261	4 3	737
Cutie	H	4-8	305	20,674	3 4	695
Kitten	H	2 11	305	16,306	4 1	668
Kenneth R Benner						
Sheryl	H	11-1	305	22,923	4 2	957
Emily	H	3-11	305	18,063	4 9	879
Halo	H	3 0	305	23,324	3 3	772
Sister	H	3-1	305	22,699	3 1	709
Selma	H	2-1	305	17,776	4 1	728
Oscar & Wayne Campbell						
Beulah	H	6 9	305	17,995	4 2	751
Fortune	H	5 7	266	19,855	3 3	662
Lana	H	2-3	305	18,551	3 5	658
Kenneth C Morrow						
Trixie	H	7-3	305	18,948	3 9	742
Wanda	H	6 0	305	18,462	4 0	730
Dilly	H	4 10	305	21,010	3 5	740
David H Weller						
Myra	H	6-4	305	19,381	4 2	806
Bridget	H	4 6	305	14,150	4 6	653
Betty	H	3-10	301	17,367	4 4	757

(Turn to Page D5)

NO. 1 DAIRYING DIESEL



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U. of Delaware engineer tells mushroom growers how to save energy

NEWARK, Del. — Mushrooms are big business in the U.S. Last year the crop brought in close to $400 million to growers in 27 states, with nearly half of the production centered around southern Chester County, and the adjoining northwestern corner of New Castle County, Delaware.

Today this profitable industry is struggling to stay alive in the face of increasing foreign competition. To survive, American growers must trim costs wherever possible. One way to do this is to reduce the amount of energy they use to produce the crop.

"I pay $50,000 a year to the electric company," says one local grower, "but I don't know what that covers." Others are in the same boat.

To help get a better handle on such energy costs, last year the American Mushroom Institute asked engineers at the University of Delaware's Agricultural Experiment Station to conduct a study of mushroom production similar to one on the broiler growout process they've been working on for the Delmarva poultry industry. That project resulted in a computer model in which all aspects of production have been reduced to mathematical equations which can be readily evaluated in terms of their effect on energy use. Applying this information has saved area poultry producers thousands of dollars over the past six years.

With the help of a $6,000 grant from AMI, Kenneth Mitchell Lomax, a specialist in electrical power and processing at the Experiment Station, set out to develop a similar model of the energy used to grow mushrooms. Since he comes from the Hockessin area where most of Delaware's growers are located, Lomax is familiar with this crop. Working with him on the project have been agricultural engineer Norman E. Collins and Coleen M. Denneny, an undergraduate ag engineering major.

It took them 18 months to develop a systems analysis. The resulting computer model consists of three sections: growth; construction; and management.

To use the growth section, all you need to do is tell the computer which air temperatures you've set your thermostat for inside the mushroom house and how much compost you're starting out with. From that, the computer can tell you the bed temperature of the compost. This is measured to determine the health of microbial action in the bed. The computer also tells you the heat energy produced by this microbial action in BTU's, plus the anticipated mushroom yield in pounds per square foot of bed per day.

"The entire growing program is stated in terms of square foot of bed," says Lomax, "so it doesn't matter how big the house is."

Inputs for the construction section of the model include length of house, topography of the site (which affects building design), and cost of materials to be used. There's also a variable input for the amount of ceiling insulation added. With this information, the computer tells you the cost of constructing a particular mushroom house, including materials and labor. It also gives the cost of attached equipment such as electric motors, fans, air conditioners, and bed boards.

By the time you've completed these two parts of the model, you know the value per square foot of your mushroom operation.

The final section of the model involves management options which affect the cost of production — especially as it relates to energy use. Computer inputs for this section include production and building construction data from sections one and two, plus real weather data and economic information (primarily taxes, interest and inflation rate) over a six-year period.

From these, the computer can tell three things: the fuel requirements for that particular house (total and per unit area); electrical energy requirements (total and per unit); and unit area and annual costs, excluding harvest and salaries.

"The model is a way for us to look at the results of a lot of different construction and management combinations without actually having to try them," explains Lomax. This way, only those which look promising need to be tested in reality. The rest can be disregarded as impractical or uneconomical.

"Our strongest data in the project is energy related," says the engineer. "But our goal isn't energy conservation per se, but increased net profit — which is another way of saying the bottom line."

For example, the model can tell a grower what the optimum amount of ceiling insulation will be in a particular house under selected growing conditions. Insulation thickness (R value) affects both electricity and fuel use. But over-insulating won't pay.

In one case, a grower was told to install R38 insulation in his ceiling.

(Turn to Page D6)

Perry Co. DHIA

(Continued from Page D4)

Ethel	H	3 5	305	19,091	3 7	714
Vonnie	H	3 6	305	18,831	4 4	823
Stacey	H	3 1	305	18,718	4 0	747
Ronald C Fauth						
#54	H	5 7	289	18,674	3 7	682
Richard Kriebel						
Crissy	H	9 10	305	21,254	4 3	919
Claudia	H	8 9	305	20,946	3 6	761
Ava	H	5 2	302	20,416	4 1	836
Harry R Book, Jr						
Judy	H	9 3	305	16,292	4 1	670
Jenny	H	8 3	305	18,014	4 0	720
Fairy	H	4 9	305	19,500	4 1	792
Ellen	H	3 10	305	20,743	4 1	842
John R Gabel						
#214	H	4 3	305	17,526	3 9	680
#217	H	4 10	305	16,541	4 7	774
#218	H	4 3	305	18,796	3 5	656
#225	Br S	4 1	305	16,231	4 3	694
#233	H	3 2	305	20,142	3 5	702
John B Sauder, Jr						
Spunk 55	H	5 7	305	19,524	3 4	655
#130	H	4 3	305	22,842	3 3	762
Y133	H	3 9	293	21,241	3 7	784
Y148	H	3 3	305	20,325	3 6	726
#51	H	2 5	305	17,016	4 0	679
Dean McMillen						
Marcy	H	2 11	298	18,988	4 4	839
Richard G Smith						
#13	H	6 1	305	22,450	3 4	753
Clarence S Martin						
#100	H	8 4	305	24,892	3 3	816
#47	H	5 0	305	16,603	4 0	667
Ed & Wilma McMillen						
Mamaie	H	3 4	305	24,111	3 6	865
John L King						
Mable	H	10 4	305	20,504	3 3	677
Katie	H	6 4	305	21,979	3 5	764
Dale Smoker						
#16	H	3 4	305	25,223	3 4	866
#40	H	9 0	305	21,759	3 4	738
#46	H	8 0	305	23,520	3 7	870
#47	H	6 0	305	21,983	4 2	932
#51	H	3 4	305	17,048	4 1	693
#71	H	10 0	305	24,022	3 3	787
Philip E Brubaker						
#28	H	3 7	305	18,997	3 8	719
#7	H	9 1	305	23,060	3 6	841
#5	H	8 1	304	19,619	3 6	712
Edwin L Sheibley						
Queen	H	5 3	305	21,697	3 4	735
Snowbal	H	5 1	295	18,819	3 5	657
Marcy	H	4 5	305	21,513	3 6	769
Goofy	H	4 0	305	20,260	3 7	755
Eugene M Nolt						
#2	H	5 11	305	18,802	3 5	654
Henry S Lapp						
#1	H	6 1	284	18,687	3 7	685
Arthur E Dum, Jr						
Daisy	H	8 0	305	17,174	4 3	731
Wayne L Stephens						
Carol	H	5-11	305	19,876	3 7	740
James M Palm						
#37	H	5 9	305	21,718	3 7	806
#55	H	0 0	272	21,039	3 1	658
M W Smith Farms						
Sally	H	2 0	305	18,380	3 7	676

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Saving energy

(Continued from Page D5)

That was the figure the energy firm was used to recommending for residences. But the computer showed that following this advice in his mushroom house would never have paid off for the grower in terms of fuel or other savings.

With the model, it's also possible to compare the effect different amounts of compost will have on electrical demand in maintaining house temperatures.

Early last summer Lomax received another grant from AMI — this one for $13,000 — to prepare a "Mushroom Grower's Energy Audit Guidebook" based on his production model

The purpose of this guidebook is to help mushroom growers analyze their energy costs. "After you learn about what causes these costs in your mushroom plant, it will be easier to decide how to conserve energy," he says.

The audit procedure outlined in the guidebook takes about an hour for one plant. When it's finished, a grower should be able to say, "Now I know what my electric bill pays for "

The first step is to collect the power ratings and flow rates from all the motors, fuel burners and heaters in the house. Then the grower makes some calculations based on time estimates; and finally compares the total energy calculated with the energy on fuel and electric bills. The two figures should agree.

"Once you've completed the energy audit for your plant," says Lomax, "you can use this information to improve your energy management." The guidebook discusses some of the ways this can be done.

To show growers how to use the guidebook, the University of Delaware department of agriculture engineering and American Mushroom Institute have scheduled a Mushroom Production Energy Workshop. This will be held Thursday, November 12, from 9:30 a.m. to 3 p.m., in Clayton Hall on the University's north campus in Newark.

Other topics to be discussed at the workshop include electric company rates, and the effects of insulation and management on energy use. There is no registration fee, but because seating is limited, interested individuals are encouraged to contact county agricultural agents as soon as possible. In New Castle county call 302/738-2506. In Chester county call 215/696-3500; and in Berks County 215/378-1327. Additional information on the workshop is also available by calling Ken Lomax, department of agricultural engineering, University of Delaware 302/738-2468.

USDA selects food bank sites

WASHINGTON, D.C. — The U.S. Department of Agriculture has selected three sites for demonstration projects to test the feasibility of providing USDA-donated foods to food banks for emergency distribution to eligible households. Food banks are locally sponsored charitable services which provide food to needy people in emergencies.

Assistant Secretary of Agriculture Mary C. Jarratt said the sites chosen to take part in the project are: Gleaners Food Bank of Indianapolis, Inc., 851 Indian Ave., Indianapolis, Ind.; The Food Bank, Inc. of Santa Clara County, 312 Brokaw Rd., Santa Clara, Calif.; and Hunger Action Coalition - Pittsburgh Community Food Bank, P.O. Box 4259, Pittsburgh, Pa.

Food banks were considered for participation in the demonstration project if they have provided emergency food distribution since March 1980. The project is scheduled to begin in November and to continue for one year. Each site is in a, different region of USDA's Food and Nutrition Service, which administers the food program.

Jarratt said USDA is conducting the project to analyze and evaluate federal participation in food bank emergency food programs, assess the effectiveness of such participation and make recommendations on the feasibility of continuing such participation.

The food bank demonstration project is authorized by the Agricultural Act of 1980. Under the project, USDA will provide instant non-fat dry milk, butter and processed American cheese to participating sites. These items will be used to supplement foodstuffs obtained by the food banks from other sources.

USDA will also review participation data, food donation and inventory data, and transportation and delivery costs, to evaluate the project. The results of the evaluation will be reported to Congress by Oct. 1, 1982.

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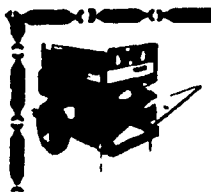

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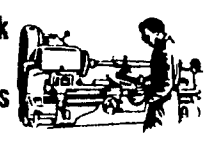

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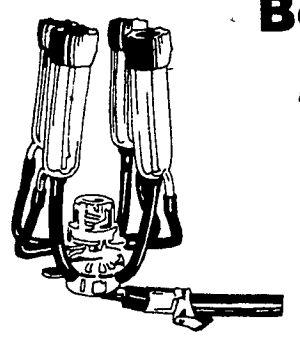

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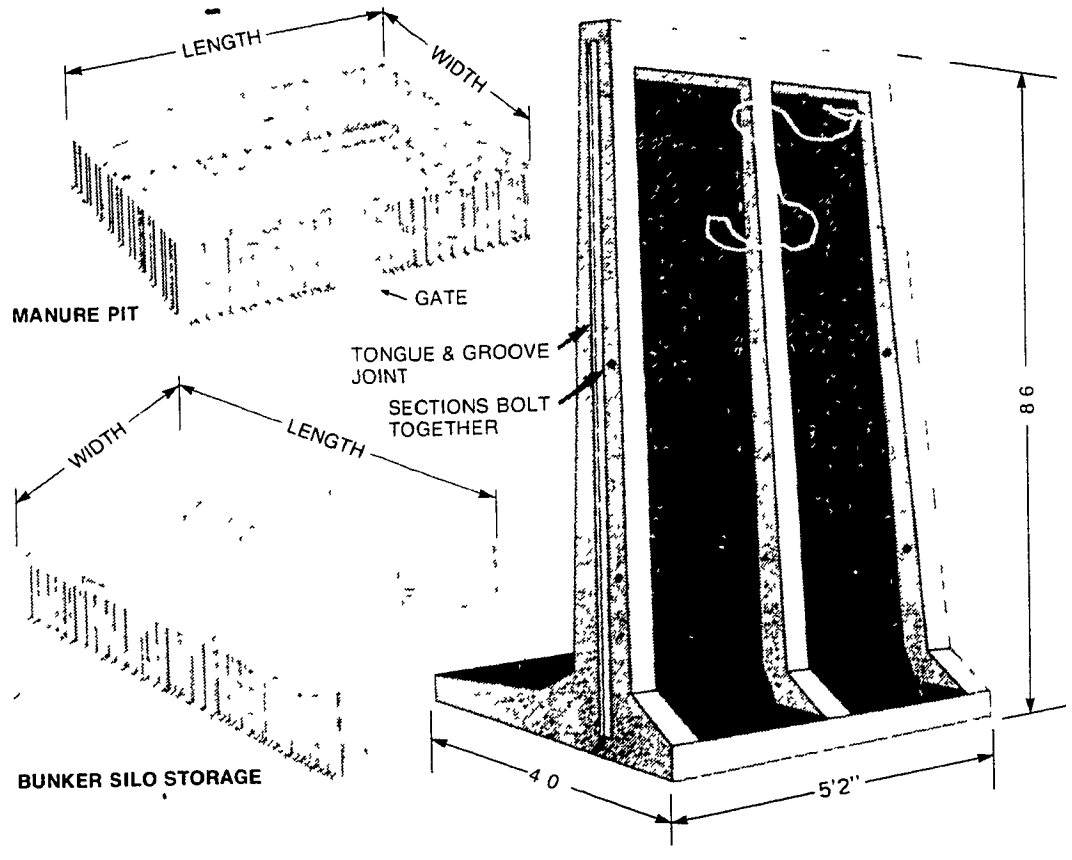
100	539	720	900	1078
110	593	792	989	1187
120	648	864	1080	1296
130	688	936	1170	1376
140	755	1008	1260	1510
150	808	1080	1350	1616

*BASED ON LEVEL FILL WITH 45 LBS PER CU FT



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How important is the boar in determining litter size?

UNIVERSITY PARK — Many swine producers question whether the boar has any influence on litter size under normal conditions.

But according to Matt Parsons, Extension swine specialist at Penn State, the boar may be more important in determining litter size than has been commonly accepted.

It takes only 10 to 20 sperm to fertilize the available eggs at each breeding — one sperm per egg — yet a normal boar will produce ejaculate that may contain 20 to 50 billion sperm under normal conditions. Parsons explains that "normal" conditions means that the boar is producing an adequate number of viable sperm with good motility and few abnormalities.

Most producers recognize that heat stress caused by high surrounding temperatures or fever seriously affect sperm production and conception for two to nine weeks following the heat stress. In addition, most producers realize that too frequent use of a boar may result in a disproportionate amount of immature sperm that are incapable of fertilization, Parsons adds.

However, even under optimum conditions, research indicates that the boar's influence on litter size varies from boar to boar. For example, recent results from several research studies have suggested that there is a difference in the number of live pigs farrowed and raised that are sired by different boars of equal age, used at the same rate and maintained in the same environment.

According to Parsons, two German researchers analyzed data from 1223 litters on the same farm. The results of the study suggest that the boar has a highly significant influence on litter size at both birth and weaning. The researchers reported differences as large as 1.83 pigs per litter for normal boars. One boar that had chromosome damaged sired litters with 3.3 fewer pigs than normal boars.

Many producers breed sows to two different boars each heat period is an effort to maximize conception rate. Parsons agrees that the practice is valid, but he recommends that producers check their boars' reproductive soundness by mating each boar with several sows and gilts for both services. If the results of those matings — called specific matings — are good, then the boar could be accepted as sound and used in the breeding program.

As more and more producers turn to computerized record-keeping, evaluating each boar in the herd via specific mating should become easier, adds Parsons. Because of the boar's influence on litter size, such evaluation may well be worth the effort, he says.

USDA joins electrical power study

WASHINGTON, D.C. — A new study involving the U.S. Department of Agriculture will seek to determine whether it is practical to store compressed air underground to generate extra power when the demand for electricity peaks.

To finance the feasibility study, USDA's Rural Electrification Administration today announced approval of a $4.2 million loan guarantee commitment to the Soyland Power Cooperative, Inc., Decatur, Ill.

The cooperative will conduct the study.

This will be the first project of its kind conducted by an REA-financed system, said Harold V. Hunter, REA administrator.

If the system works, Hunter said, air will be compressed and stored in underground caverns during "off-peak" hours when the demand for electric power is low. Then, during periods of peak load — when the demand is highest — the stored compressed air will be heated and expanded through a combustion turbine generator to meet the surging demand for electricity.

Hunter said the project is consistent with REA's commitment to national goals of energy independence through encouraging the development of all forms of energy sources supplemental to the more conventional forms.

"This particular project also is a "first" in the proposed financing arrangement," Hunter said.

"Soyland plans to obtain the funds from a lender other than the Federal Financing Bank. We feel this is a significant step in helping the Administration achieve its economic objective. REA is continuing to foster greater self-reliance and independence on the part of its borrowers.

"Increased use of financing from the private sector can reduce borrower dependence upon government-supported financing," he said.

The study is scheduled for completion by June 1984. It could lead to construction of a 220-megawatt compressed air storage facility to provide peak power to Soyland's 15 distribution cooperatives which serve about 95,000 farmers and other rural people in central Illinois.

REA has provided low-cost loans since 1935 and loan guarantees since 1974 to finance construction and operation of electric and telephone facilities for rural regions of the United States.

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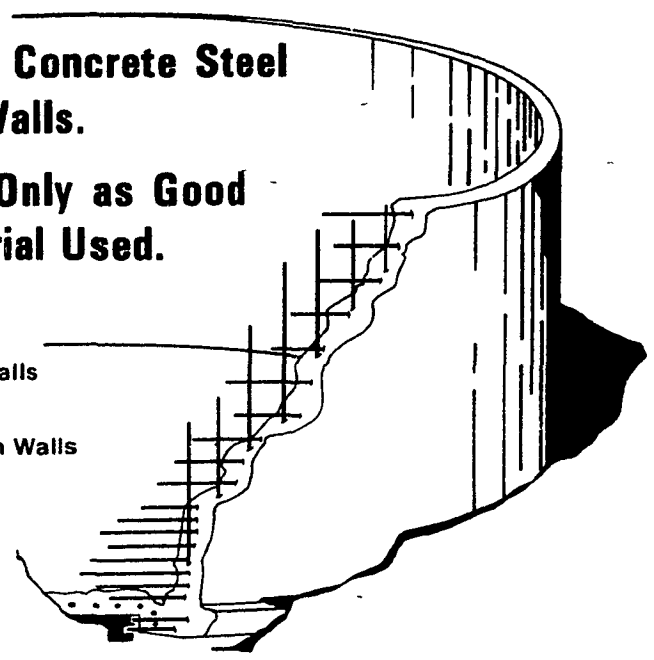

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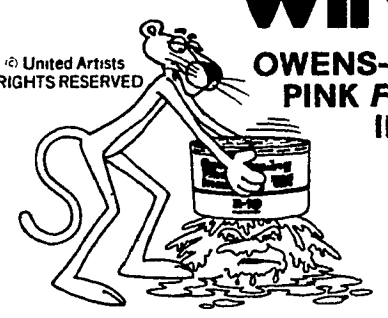

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Researcher reports the case of 'the whiteless egg'

UNIVERSITY PARK — Irreverently put, Reynaldo Resurreccion is a poultry sleuth who recently sought to solve an intriguing mystery: the case of the whiteless eggs.

An assistant professor of veterinary science at Penn State, Resurreccion says he think he's the first scientist to study albumin-free eggs.

"I was fascinated," he recalls, remembering his first encounter with the miniature chicken eggs containing only a perfectly formed, normal-sized yolk. "While yolkless eggs are not unknown, I could find no reports of eggs without albumin in the scientific literature of the past 30 years."

The story began about a year ago, when a Schuylkill County poultry farmer began finding a worrisome number of abnormalities in his eggs.

About two percent of the 53-week-old layers in one house and the 74-week-old layers in another were producing a combination of fewer eggs, an unusually high number of small normal ones—and some whiteless ones. Many of the latter had shells that were rough and rumpled with coil-like protuberances. Some contained a tiny amount of water.

Some of the abnormal eggs and the hens that laid them, as well as a few of the flock's normal chickens, were brought to Penn State's Poultry Diagnostic Laboratory.

"We cultured the eggs looking for signs of bacteria, mold, virus or other microorganisms," recalls Resurreccion. "We tested the chickens' blood, searching for antibodies to previous infections.

"Because albumin is manufactured by a specific part of the oviduct, the magnum, we did extensive tests on the magnum tissue. We examined the tissue under an ordinary light microscope, and under scanning electron and transmission electron microscopes."

As Resurreccion reported in June at the 53rd Northeastern Conference on Avian Diseases at Narraganset, R.I., he and electron microscopist Bridget Stemberger discovered two interesting facts.

"While the abnormal eggs were free of virus, bacteria or mold," he explains, "both the normal and abnormal hens had been infected recently with infectious bronchitis virus.

"More intriguing was the microscope analysis of magnum from normal versus abnormal hens. We found that magnum tissue from the abnormal chickens was heavily swollen with secretion. The cells were so full of albumin which hadn't been released that normal cellular details nearly were obliterated.

"Significantly, there was no inflammation. The swelling was caused by the failure of the secretory cells to release the albumin that apparently had been manufactured normally. Something was inhibiting the trigger mechanism that releases albumin."

Though he cannot pin the secretory failure on the bronchitis virus, Resurreccion suspects a connection.

As he explains, infectious bronchitis is a common disease of chickens. Most often, it affects the respiratory systems of chicks. Some suffocate. However, in the susceptible adult hen, IBV shows only mild respiratory symptoms.

"The infection in hens is expressed as a dramatic, but brief (about two weeks), drop in egg production," says Resurreccion. "In addition, the shells sometimes are ridged and wrinkled, or the eggs are encased in a membrane without a shell. Moreover, sometimes IBV affects the egg quality, causing watery albumin.

"We suspect an IBV connection because all the chickens recently had been infected and some of the symptoms were similar. For example, some of the abnormal hens stopped laying eggs, molted and, within three months, started laying normally again. This also happens with an IBV infection.

"In the last analysis, however, we can't explain the current phenomenon — or why only about two percent of the flock was affected, when only the entire flock had been exposed to the virus."

Pa. Morgan Horse Club looks for members

QUAKERTOWN — The Pennsylvania Morgan Horse Club is looking for owners of registered Morgan horses to become members and join in activities.

The club sponsors Year End Awards in many divisions with points being given for open competition as well as all-Morgan. For 1982, the divisions include English and Western Pleasure, Driving, Park, Roadster, Gymkhana, Hunter/Dressage, Trail, In Hand, Youth and Equitation.

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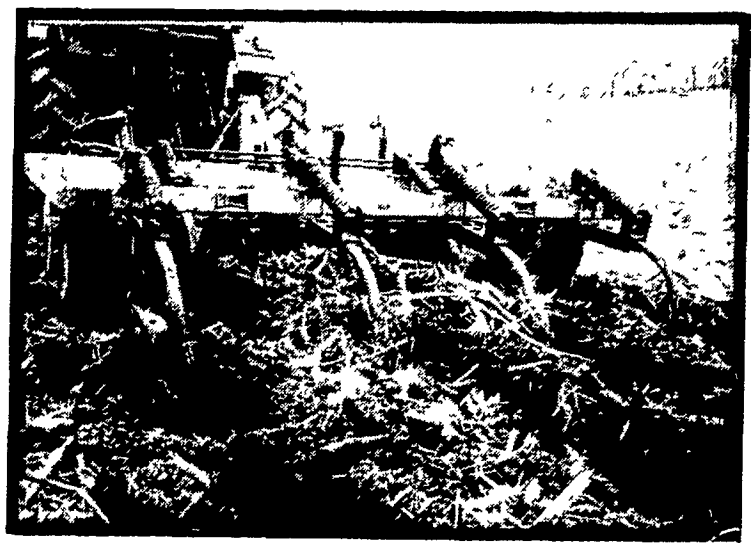

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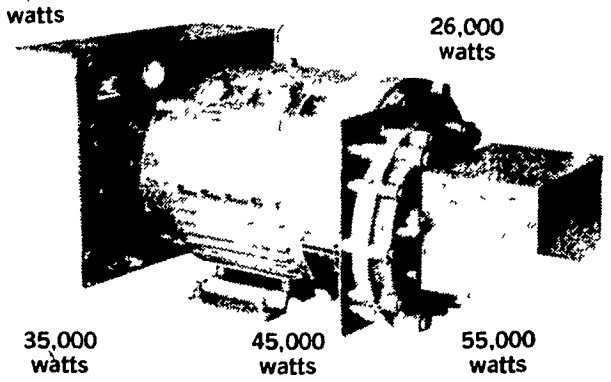

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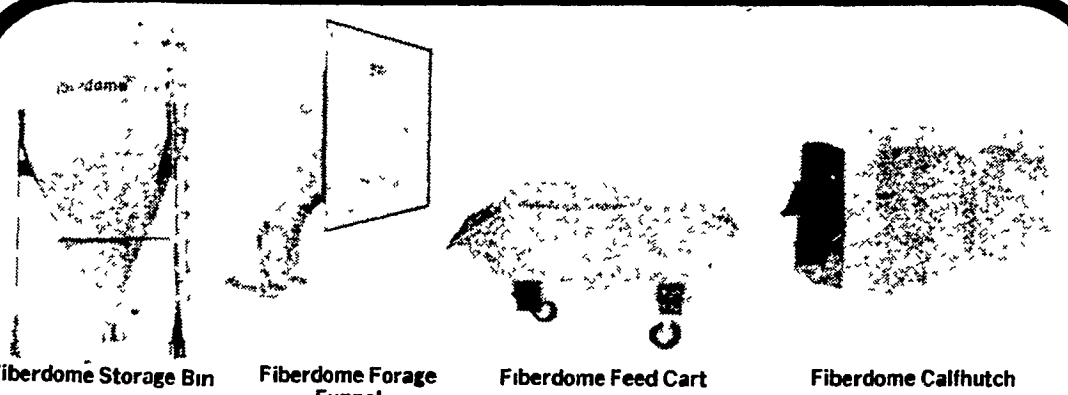

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Insulation value provides warmth in winter while remaining cool in summer • Hutches may be nested for compact storage • Hutches are easily moved by use of firmly imbedded I bolts • Studies show respirator problems disease and calf mortality are reduced when hutches are properly used

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Upper Susquehanna DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

September 1981

Herds averaging 1 35 lbs butterfat per day are as follows

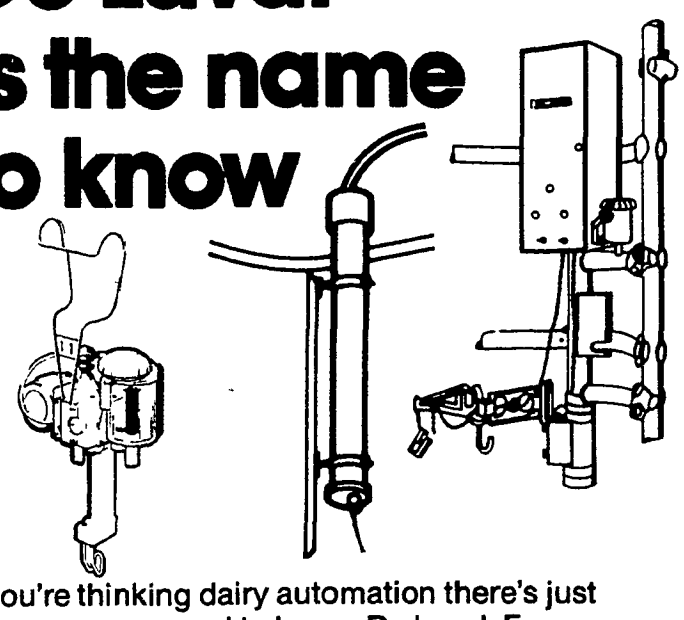
NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS FAT
Montour					
Carl R Slater & Son	RH	28 3	87 4	57 5	1 99
Clifford A LeVan	RH	18 8	95 7	49 3	1 84
PA Dept of Agri	R&GrH	117 4	85 8	47 1	1 82
G.&D Neyhard	R&GrH	20 3	100 0	47 1	1 66
Earl W Harris	R&GrH	48 7	84 4	46 1	1 60
Lundy Brothers	RH	32 7	88 6	39 9	1 53
Ralph Kitchen	R&GrH	40 5	81 0	39 2	1 38
Northumberland					
F &T Strouse	R&GrH	59 9	88 4	52 1	1 88
Robert Bechtel	R&GrH	29 2	98 8	52 3	1 79
H Klock & Son	R&GrH	44.3	91 5	49 3	1 74
Irvin Reynolds	R&GrH	74 7	87 7	47 4	1 73
Ernest L Wolfe	RH	55.9	80 3	44 9	1 69
R Truckenmiller	R&GrH	58.1	85 0	47 5	1 67
P Buckwalter & Sons	RH	98.3	79 5	43 9	1 66
David B Heffner	RH	38 8	87 3	47 4	1 59
Ernest Klinger	GrH	91 1	84 6	43 4	1 56
Jeffrey A Martz	Mix	21.0	95 2	42 1	1 55
Jeffrey A Martz	RG	21 5	95 8	35 5	1 54
Bomberger & Sons	R&GrH	163.3	81 8	42 5	1 53
Garvin Schaffer	R&GrH	29.0	74 9	43 2	1 51
Jerry Smith	RH	48.0	82 6	40 0	1 46
Leon Epler Fms	R&GrH	158 2	81 8	38 7	1 43
Lloyd B Zimmerman	R&GrH	87 2	80 4	44 1	1 41
D Schnure, Jr	R&GrH	49 0	86 4	36 6	1 36
Snyder					
Narehood & Sons	R&GrH	56 1	92 5	51 7	1 94
Glenn M Moyer	RH	39 8	91 1	52 0	1 89
Jesse J Yoder	R&GrH	59 1	92 1	48 0	1 81
G&B Carper	R&GrH	58 4	87 5	48 1	1 78
Harold Hassinger	RH	45 3	83 0	48 3	1 76
Clayton R Graybill	RH	47 0	95 6	46 3	1 71
Dale Hornberger	R&GrH	36 7	82 9	47 0	1 71
R Ulmer & Sons	R&GrH	52 8	86 8	49 0	1 71
B&D Parthemer	R&GrH	75 4	86 3	45 3	1 68
Albert W. Heimbach	GrH	134 1	92 8	44 5	1 67
Leire Fry & Sons	R&GrH	131 0	87 4	41 2	1 66
J & M Shirey	RH	57 2	80 5	45 6	1 65
C C Fisher & Son	R&GrH	68 5	89 4	46 9	1 63
B &L Shirey	R&GrH	39 5	85 9	45 8	1 62
Randolph Hoffman	R&GrH	31 2	79 0	51 2	1 62
Richard G Nerhood	R&GrH	39 6	94 0	42 6	1 61
James Hunsberger	R&GrH	48 0	86 4	47 7	1 57
S&S Hoffman	GrH	45 7	93 5	40 2	1 54
R &C Waite	R&GrH	40 1	910	44 6	1 52
M & Deb Ewing	GrH	36 0	84	38 2	1 46
Sauderdale Farm	R&GrH	44 6	84 1	38 5	1 45
George Krebs	R&GrH	39 9	75 9	39 4	1 44
Urie & Dan Yoder	RH	54 7	79 5	38 6	1 43
Nevin C Hoover	GrH	42 7	80 4	44 4	1 41
Ronald B Reich	R&GrH	65 2	87 2	36 9	1 39
I & M Wenger	R&GrH	50 2	69 7	36 6	1 39
Mabarbil Farms	RH	70 2	82 7	36 7	1 37
Three Ayr Farm	Mix	34 3	89 3	38 9	1 37
Mike & Mary Hauck	R&GrH	47 7	81 2	35 4	1 35
Conewago Farms	RH	73 6	91 5	36 7	1 35
Union					
Wood Ann Farm	R&GrH	32 8	94 2	58 5	2 09
San Be Farms	RH	59 9	86 0	48 4	1 81
R Hackman & Son	RH	46 5	95 3	49 4	1 81
Ben S Yoder	R&GrH	38 2	90 6	50 3	1 80
Paul R Smith	R&GrH	42 0	95 5	50 7	1 78
Roger M Shively	R&GrH	23 0	94 6	44 6	1 71
Leon M Musser	RH	50 2	87 8	45 3	1 68
D & D Spangler	R&GrH	50 3	92 4	43 8	1 68
Hemlock Meadow Fm	R&GrH	44 4	90 2	47 2	1 66
Eugene Spangler	R&GrH	83 4	90 3	45 0	1 64
John R Walter	GrH	29 0	88 7	43 7	1 61
Wilmer E Zook	R&GrH	39 0	90 8	47 8	1 56
Kore M Yoder	R&GrH	37 0	85 0	43 2	1 56
Harry L Snook	R&GrH	27 0	85 8	38 0	1 55
Amos J Zook	R&GrH	55 1	71 6	39 6	1 53
Joal Ann Farms	RH	72 0	88 8	43 6	1 52
Alvin H Martin	GrH	57 3	85 4	41 7	1 50
Aaron R Zimmerman	R&GrH	38 5	82 4	41 6	1 49
Mark M Wehr	R&GrH	78 3	85 5	40 7	1 48
Ben Martin	R&GrH	27 4	92 8	40 5	1 47
Robert L Stahl	R&GrH	30 7	92 8	46 3	1 45
Chris Stoltzfus	RH	45 4	83 4	44 4	1 44
CE & WN Hauck	R&GrH	55 0	84 6	40 2	1 43
Dock View Dairy	GrH	101 6	86 0	41 8	1 42
Jonas R Zeist	R&GrH	41 0	88 1	42 2	1 42
Elwood Keefer	R&GrH	36 4	79 6	35 2	1 36

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS MILK	% FAT	LBS FAT
Montour					
PA Dept of Agriculture					
S 29	6 10	305	24,607	4 0	988
922	6 4	305	17,189	5 6	965
968	5-10	305	18,058	4 3	785
3430	6-0	305	22,595	4 8	1088
947	5 11	305	15,998	4 3	692
996	5 4	305	23,960	3 7	887
998	5 4	300	19,169	4 2	805
108	5-3	284	17,577	4 0	704
130	4 10	305	17,389	3 9	684
136	4-11	288	19,979	4 1	817
129	4-4	300	22,376	3 6	815
156	4-5	279	21,577	3 8	829
135	4 1	305	19,577	4 4	855
153	3 6	305	19,236	3 6	685
173	3 2	305	14,983	4 5	680
177	3-0	305	15,568	4 7	735
224	2-11	305	15,809	4 2	667
236	3 0	305	15,274	4 7	714
183	2-11	305	14,810	4 7	694
276	2 2	305	19,321	3 9	756
225	2-1	305	16,167	4 6	736
227	2-0	303	15,253	4 3	654
229	2-1	305	19,116	4 2	798
233	2-0	305	17,269	4 1	715
296	2-0	305	15,457	4 3	668

(Turn to Page D10)

Dairy Automation

De Laval is the name to know



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- Autocord™ removal device — the affordable way to automate milker removal.

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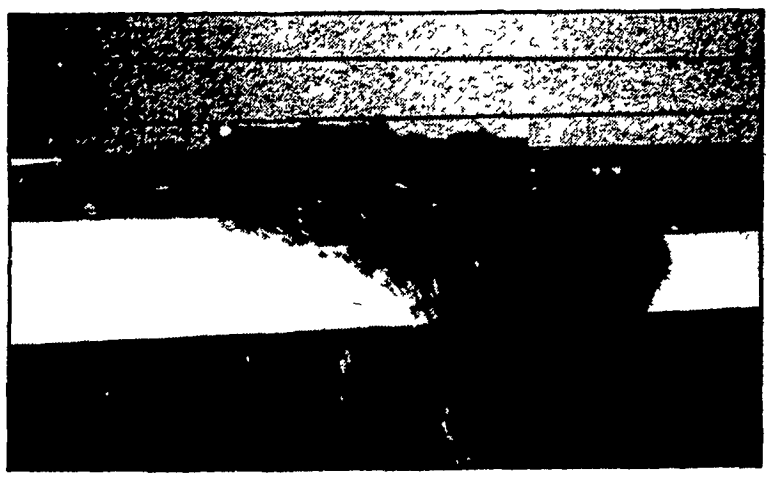
Upper Susquehanna

(Continued from Page D9)

Ralph Kitchen					
Star	7-11	305	19,255	3 4	650
JA DA Land					
Lucky	3-2	286	16,346	4 1	663
Shorty	4-1	295	14,028	5 2	732
Brenda	4-5	265	16,591	3 9	651
Nellie	3-11	305	16,047	4 2	672
Earl W Harris					
Julie	6-4	305	21,758	3 3	715
Mariam	4-10	305	18,968	4 3	814
Zippy	4-0	305	19,411	3 4	653
Liz	3-2	305	19,627	3 7	721
Kate	3-11	305	19,072	3 5	674
Sharon	2-1	305	17,026	3 9	661
Rae	2-1	305	18,735	3.8	703
Limestone Run Farm					
47	6-3	279	21,581	3 9	845
80	5-7	305	21,156	4 4	923
56	0-0	305	17,050	4 3	725
8	2-4	305	16,792	4 4	731
100	2-6	305	17,275	4 0	695
Clifford A LeVan					
Topper	6-11	305	19,470	4 0	784
Blinky 7	3-3	305	18,397	4 4	814
Carl R Slater & Son					
Daisy	4-5	305	24,408	3 7	905
Northumberland					
Jerry Smith					
Jane	5-2	305	21,234	4 1	860
Kittie	4-1	305	20,873	3 5	728
Linda	3-5	302	18,107	3 7	673
E Delrue Schnure, Jr					
Kay	5-1	305	17,848	3 9	695
Peggy	4-1	305	19,591	3 6	698
Robert Truckenmiller					
21	2-2	305	23,211	3 2	738
Leon Epler Farms, Inc					
195B004	8-0	305	14,791	4 4	652
179B005	7-4	305	18,268	4 1	752
Ernest L Wolfe					
Ida	6-10	305	17,960	4 2	758
Carmela	3-3	305	20,521	3 3	685
L[illegible]	1-10	305	21,583	3 6	780
Fr[illegible]k S Purtzman					
Zenda	7-1	305	16,461	4 5	742
William R Landis					
Sis	9-5	305	23,982	3 5	840
Holly	4-11	305	18,271	3 7	678
Ernest Klinger					
99	2 11	305	21,390	4 0	858
38	3-3	305	16,605	4 2	691
22	2-0	305	20,177	3 5	710
101	2-1	305	15,413	4.3	660
Park Buckwalter & Sons					
Ginger	6-0	305	19,200	3 6	695
Dynamit	4-3	305	20,049	4 0	811
Grace	4-0	305	23,518	3 7	871
Molly	2-1	305	17,840	3 8	678
Irvin Reynolds					
9	9-3	305	16,626	4 4	737
67	8-5	300	17,920	4 2	751
66	6 1	305	18,421	4 1	757
10	3 2	253	14,367	4 5	651
42	2 1	292	18,603	3 8	702
Lloyd B Zimmerman					
28B	9-0	295	17,870	4 1	724
108	2-0	280	20,793	3 3	695
John Bomberger & Sons					
29	4 0	305	20,433	3 8	777
52	4-2	305	19,642	3 9	764
55	4-3	305	21,807	3 8	839
720	7-8	305	25,869	3 7	957
812	6-2	305	25,316	3 6	908
1063	4-3	305	23,100	3 3	758
105	2-1	305	18,579	3 8	698
Oscar J Baumert, Jr					
79	5-0	305	16,595	4 0	665
91	6 0	305	18,560	3 9	731
Harold Klock & Son					
Rosie	10-8	305	16,089	4 9	786
Robert N Bechtel					
Petal	7-6	305	15,864	4 1	658
Sally	5 0	305	19,923	3 4	679
Fred & Tom Strouse					
Lil	7-6	305	25,184	3 8	964
Dot	7-7	305	19,889	3 8	751
Snyder					
C C Fisher & Sons					
Sook	3 10	305	17,751	4 3	767
Allison	3-9	305	19,555	4 2	814
Mabarbil Farms					
Viddy	8-5	305	20,721	3 9	801
Sin	6-6	305	24,272	3 9	953
Scotty	4-8	305	17,903	4 0	710
Rolled	4-4	283	19,205	3 4	659
Rubber	4-4	305	20,549	3 6	732
Vitty	3-10	305	20,592	4 0	828
Rocket	6-9	274	18,587	3 8	709
Leire Fry & Sons					
Myra	8 10	300	20,446	3 7	747
J Girl	6 1	304	15,446	4 5	702
Sunset	5-3	301	20,642	4 0	822
Silva	4-5	305	19,234	3 5	678
Louell	4-4	305	18,521	3 8	703
Albert W. Heimbach					
393	3-1	305	16,620	4 0	657
396	2-0	305	19,280	3.8	729
397	2-0	305	19,946	3 8	751
Glenn M. Moyer					
Suzy	6-9	305	22,740	3 6	820
Sandy	4-5	305	26,976	3.5	957
Mindy	4-3	305	21,543	3.5	749
Richard G Nerhood					
Connie	3-7	305	18,742	3 6	670
Glenn & Ethel Stuck					
Clove	4-4	305	18,768	3 6	681
Clayton R Graybill					
Burke	7-9	305	19,026	3 8	716
Ronald B Reich					
Violet	6-8	305	16,071	4.1	651
Mae	9-1	305	14,549	4.8	693
Lee & Sandra Shaffer					
Smokie	5-1	305	16,706	4.1	691
Urie & Dan Yoder					
Bertie	6-2	305	19,736	3 7	727
Elen	6-9	305	15,504	4 4	676
Ida	4-7	305	17,544	3.7	657
Hetty	4-7	305	20,029	3.4	679
Linn	3-9	305	17,072	4.0	676
John & Margaret Shirey					
Teresa	4-10	305	22,549	3 7	834
Leah	3-3	305	21,331	3.6	771
Kate	2-1	305	17,296	3 9	681
George Krebs					
Blondie	4-5	298	21,772	4 2	907
Naomi	4-1	283	19,216	3 5	675
Millie	2-9	279	15,532	4 2	652
Bobby Jo	2-3	305	19,687	3.5	691

(Turn to Page D11)

Patz BELT FEEDER



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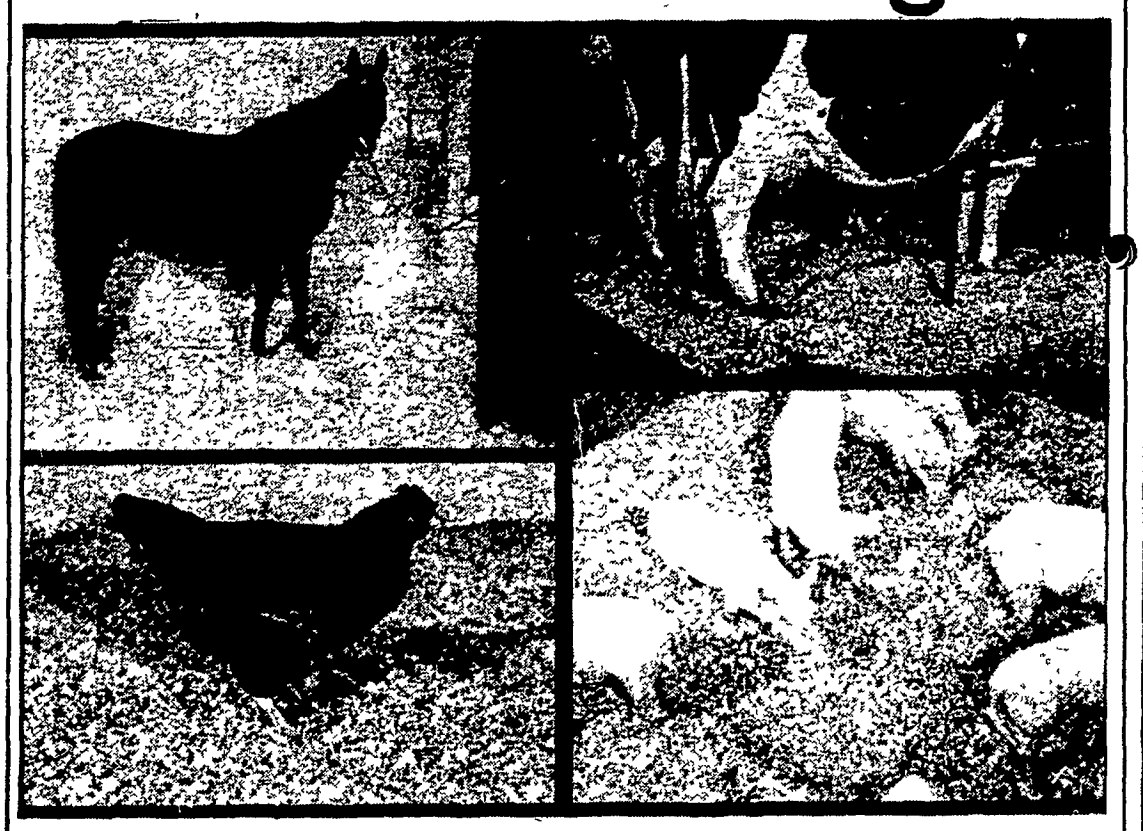

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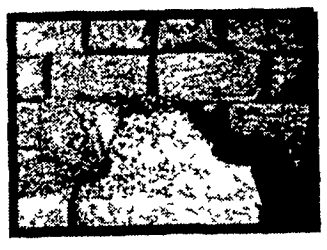
★ DUSTLESS — Fine particles are screened out
★ ABSORBENT — Animals are kept clean and dry
★ COMFORTABLE — Insulate against cold floors; cushion animals at rest
★ ECONOMICAL — Each bale covers 125 square feet to a depth of one inch
★ LABOR SAVING — Less waste
★ ECOLOGICALLY COMPATIBLE — Ideal soil conditioner
★ CONVENIENT — Delivered in clean, sealed bales
★ AVAILABLE year-round



SPECIES Southern Pine
PARTICLE SIZE: 3/16" - 1⅓", Majority 1"
SAWDUST: None
DUST: None.
BALE SIZE: 12½ x 18 x 30" 3.9 cu. ft.
WEIGHT: Approx. 45 lb.
PACKAGED: 2 ply Multi-Wall Kraft Bag
COVERAGE: 125 sq. ft. 1" deep
TRAILER LOADS: Approx. 700 Bales

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8245 Dorsey Run Rd., Jessup, MD 20794
(301) 498-6100
DEALER INQUIRIES INVITED.

Upper Susquehanna

(Continued from Page D10)

Harold S Hassinger					
132	4 11	305	24,340	3 6	870
147	3 6	305	22,562	3 9	873
H L Narehood & Sons					
Verda	7-0	305	17,035	3 9	661
Rhonda	5-11	305	21,512	3 7	798
Ruth	2-8	293	17,082	3 9	674
James M Hunsberger					
38	4-1	305	21,867	3 6	798
84	5 4	305	18,083	4 2	751
85	5 10	305	20,852	3 4	712
Glenn & Barb Carper					
Joy OC	5 7	305	23,387	3 8	878
Robert Ulmer & Sons					
Astrosn	5 9	305	20,893	3 5	732
Peral	5 10	305	25,042	3 5	879
Lark	3-2	305	20,730	4 2	875
Jessica	2 8	305	19,458	3.7	715
Albert M Berg, Jr					
235	3 10	305	16,482	4 0	656
Richard F Shirey					
29	5-3	305	17,001	4 0	688
32	4-8	305	18,450	3 8	692
Robert & Connie Waite					
Jumpy	3-11	305	17,658	3 7	653
Spike	6-2	305	16,099	4.1	662
Sauderdale Farm					
Brenda	4-9	267	18,946	3 8	723
B & D Parthemer					
6	5-0	305	14,920	4 7	705
78	4 10	305	25,520	3 4	869
202	4-8	305	20,765	3 2	664
Sidney & Susan Hoffman					
Bess	5 0	305	17,041	4 0	686
Ginger	2-2	305	14,203	4 6	660
Michael & Mary Hauck					
Jan	3 3	305	15,572	4 4	679
Larry & Marlene Paige					
Eve	7 11	305	15,718	4 3	673
Val	7 0	305	16,065	4 3	695
Nevin C Hoover					
Sharon	7-9	305	23,684	3 6	861
Jessie J Yoder					
Nettie	4-2	305	19,091	4 3	827
Wilma	5 1	305	22,858	3 6	813
Union					
Leon M Musser					
Bretta	6 5	303	17,028	3 8	652
Pearl II	2 8	305	16,732	4 2	696
Dock View Dairy					
124	5 10	305	16,932	4 2	712
52	5 0	305	17,392	3 8	668
87	4-0	305	21,763	3 4	730
Eugene Spangler					
Pixie	7 9	305	17,328	4 0	701
June Bug	5-10	283	14,481	4 8	700
Ruby	4-10	305	18,080	3 9	709
Don B Dan E. Spangler					
26	5 1	305	14,359	4 8	694
53	4-1	305	15,317	4 3	664
52	4-2	305	20,135	3 5	696
44	4-8	305	19,208	4 1	785
81	3 3	305	16,129	4 1	660
San Be Farms					
Prissy	6-9	305	26,025	3 3	871
Josie	5 2	291	21,036	3 6	753
Dorcas	4-1	305	18,777	3 8	715
Dana	3 3	305	18,395	3 9	712
Harry L. Snook					
Dusty	4-0	305	15,625	4 3	668
Joal Ann Farms					
Jackie	6 1	305	23,038	4 1	938
Scali	4-5	305	20,303	3 9	790
Beulah	4-1	305	18,006	3 7	664
B Alice	2-7	305	18,925	3 6	674
C E & W N Hauck					
94	3-3	305	16,681	4 1	686
T D & Myron L Shuck					
27	4-1	304	17,659	3 9	696
Roland Hackman & Son					
Chic	13-9	305	20,683	3 5	718
Ginny	6-5	305	23,306	3 5	812
Joan	4-7	305	19,411	3 9	762
Audrey	4-9	305	13,938	4 7	652
Dots	4-9	305	20,407	4 0	826
Amos J Zook					
Mary	3-0	305	19,119	3 9	741
Joseph E Snyder					
97	7-1	305	23,010	3 2	726
Hemlock Meadow Farm					
Cindy	5-9	305	22,212	3 7	820
Mark M Wehr					
65	10-10	305	17,688	3 8	669
76	7-0	305	20,828	3 6	743
88	4-9	305	19,627	4 1	812
89	6 0	305	24,112	3 1	751
86	8-3	305	17,022	4 1	699
3	6-4	6 4	14,524	4 5	651
15	3-9	305	19,244	3 6	690
100	3-0	289	19,805	3 4	671
31	2 11	276	17,712	3 9	689
23	2 3	305	18,209	3 7	667
J K & D A Dietrich					
Olga	4-7	305	17,571	3 9	683
Melvin K Stoltzfus					
Bell	5-1	305	22,185	2 9	653
Chris S Stoltzfus					
18	4 7	305	19,428	3 9	756
Ben S Yoder					
Bess	5 3	305	17,484	4 1	719
Wilmer E Zook					
Linda	7 1	305	19,155	3 4	655
Ruth	7 2	305	18,810	3 6	673
Paul R Smith					
24	5-4	305	23,402	3 8	898
31	6-4	305	24,560	3 7	915
33	7-2	305	17,778	3 9	693
35	7 1	305	17,329	4 0	686
Robert L Stahl					
Vicki	7-0	305	18,221	3 6	665
Judy	6-11	305	18,002	3 9	702
Daniel Z Stoltzfus					
Hazel	3-6	302	18,335	3 8	693
Maple Lane Farm					
33	4-1	305	17,209	4 0	681
35	4-2	268	18,099	3 7	668
Alvin H Martin					
41	3-2	305	18,214	4 3	788
30	3-3	287	19,734	3 7	726
Jonas R Zeiset					
Patty	5-1	305	18,041	3 6	653
Penny	8-6	305	17,021	4 2	714
Karen	8-0	305	22,373	3 5	778
Laura	4-9	293	19,610	3 7	719
Leroy S Zimmerman					
Mary	6-8	305	21,102	3 5	733
Vera	5-0	305	23,643	3 6	856
Zi-Wes Dairy Farm					
Wanda	7-3	271	14,190	4 6	656
Nan	5-9	305	17,967	5 1	911
Kate	4-6	288	19,709	3 8	747

Juniata County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

September 1981

Records were calculated for 4,541 cows in 79 herds

The ten high herds in average butterfat production per cow, per day are listed below Owner's name, number of cows, average daily pounds milk and butterfat per cow are given in order

James L Swartz	36	56 2	1 98
James H Speer, Sr	34	51 6	1 95
George M Stewart	27	50 8	1 93
Charles C Saner	52	49 5	1 92
Lester Brubaker & Son	57	53 6	1 89
Freeburn & Norman Love	51	51 6	1 88
Elmer A Noss & Son	40	48 1	1 84
Russell J Dressler	36	45 3	1 81
Harold B Shearer	40	46 8	1 81
Clyde D Moyer	34	48 2	1 80

Three hundred forty five cows completed records of 305 days or less One of these produced over 1000 lbs of butterfat, 6 produced over 900 lbs , 17 produced over 800 lbs , 49 produced over 700 lbs , 71 produced over 600 lbs , and 68 produced over 500 lbs

The fifteen high cows are listed below The owner's name, cow's name, pounds milk and pounds butterfat are given in order

Grand Hope Farm		
Hanabel	20,545	1006
Volga	20,333	973
James H Speer, Jr		
Rita	23,502	948
Larry and David Noss		
22B	20,121	944
20	20,902	868
Harold B Shearer		
Trixy	24,142	920
Donald Adams		
Lil	22,768	912
Rick & Ralph Saner		
Lori	24,841	904
James & Ann Faulkner		
143	26,900	889
101	23,823	850
James V Wilson		
19	20,102	870
John M Zimmerman		
26	21,214	866
36	22,251	855
Clyde D Moyer		
Alice	23,247	863
Raymond & Gladys Long		
69	18,121	840

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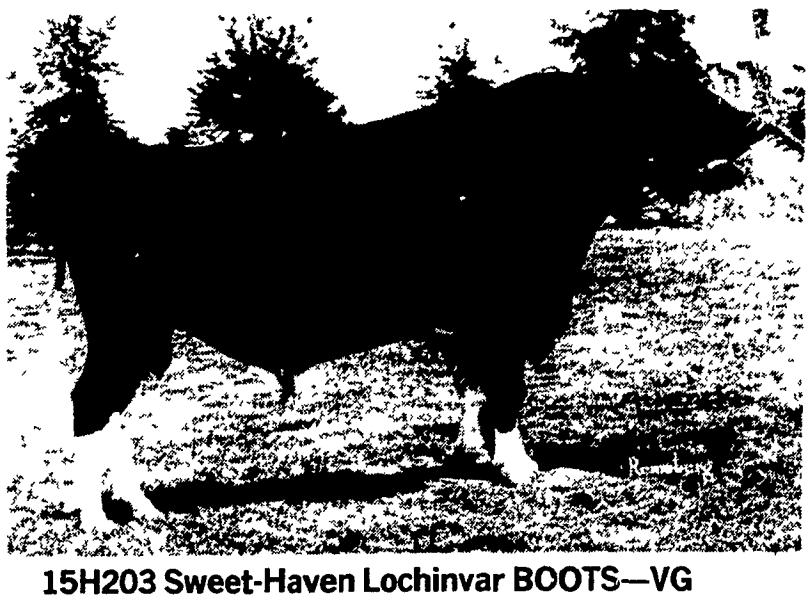

15H203 Sweet-Haven Lochinvar BOOTS—VG

86 Daus. in 51 Herds Ave.	17,277M	3.6%	614F
Pred. Dif. (80% rpt.) +$108	+1,078	-.11%	+22

39 Daus. Cl. 79.6; +.87 PDT (67% rpt.)
Sire: Paclamar Bootmaker — EX & GM
Dam: VG with rec. to 30,100M & 1,011F

15H242 Lime-Valley LIGHTNING—GP

33 Daus. in 28 Herds Ave.	18,017M	3.7%	669F
Pred. Dif. (59% rpt.) +$158	+1,216	+.02%	+47

Type Strengths: dairyness, teats, and rumps
Sire: Romandale Dividend Performer — VG & GM
Dam: VG Arlinda Chief dau.

(July/81 USDA Production and HFA Type Summary)

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Shorthorn breeders convene at Louisville for optimistic meeting

LOUISVILLE, Ky. — The annual meeting of the American Shorthorn Association to be held here on November 15-17 will be an optimistic time for producers to evaluate and plan, according to James W. Shirley, executive secretary-treasurer of the national beef cattle breed organization headquartered in Omaha, Ne.

Shorthorns and Polled Shorthorns have experienced a marked increase in demand in recent years, he said, and now maintain a more positive image in the market place among both purebred and commercial cattle producers. Shirley attributed the breed's acceptance and popularity to progressive performance breeding programs by its producers and an increased promotional program initiated by the Association.

Demand for the breed, Shirley said, has been reflected back to the individual producers, who in turn, have responded with an increase in numbers of high quality Shorthorns and Polled Shorthorns being registered with the Association.

Figures compiled at the end of the last fiscal year show a 10 percent increase in the number of registrations of purebred animals within the breed. This increase, he said, comes after an increase in the previous fiscal year as well, and has been accountable for a noticeable increase in the number of transfers of registered animals being sold into breeding programs in all segments of the beef industry.

These factors, Shirley said, combined with a 16 percent increase in Association's membership within the past three years, indicate the breed is on the move into the 1980's. The Louisville event, headquartered at the Executive Inn, will offer the opportunity for evaluation and further development of long-range plans to give additional direction for continued growth and development of the breed, he said.

Richard Prentice of Arrowhead Farm at Fulton, Mo., and president of the American Shorthorn Association, joined Shirley in expressing the feeling of optimism about the growth of the breed and the significance of the upcoming annual meeting. He said that 103 delegates, representing 26 voting districts across the United States and Canada, have been elected by the some 2,300 members of the American Shorthorn Association to conduct the annual business session that is scheduled for Sunday afternoon (Nov. 15) in the West Hall of the Kentucky Fair & Exposition Center, beginning at 2 p.m. Included in the agenda highlights, he said, will be the election of national officers and three individuals to fill expired terms on the board of directors. Directors whose terms expire include Ron Hofstrand, Leeds, N.D.; Mark Graham, Sr., Waverly, Mn.; and Jim Kibler, Waitsburg, Wa. Hofstrand will retire from the board while Graham and Kibler could be reelected to fill another term.

Prentice further stated that the group's annual meeting will be held in conjunction with the North American International Livestock Exposition, at which a National Shorthorn Show will be held as well. Entry numbers of nearly 300 head of cattle, Prentice said from the top competitive herds of Shorthorns and Polled Shorthorns across this country and Canada are expected to compete for top honors in the show.

Class competition for females will begin at 8 a.m. on Monday, Nov. 16, and classes for bulls will start at 9:00 a.m. the following morning. The National Shorthorn Show will be using a three-man composite judging system with Robert Taylor, Colorado State University, Fort Collins, Co.; Roger Worthington, Peoria, Il.; and F.A. Heckendorf, Jr., Castle Rock, Co.; serving as the team of officials.

Prentice said that recognition will also be given to Shorthorn and Polled Shorthorn producers during a Monday evening (Nov. 16) banquet with the presentation of awards that include Sire of the Year; Century Club winners; Junior Breeder of the Year; and the announcement of three recipients of the Shorthorn Foundation - Don Longley Memorial Scholarship to American Junior Shorthorn Association members.

The National Shorthorn Lassies, women's auxiliary of the breed association, will be having their national annual meeting the same dates as well. Tours, luncheons and a variety of special activities will commemorate the 25th anniversary of the organization that was founded in 1956. Marge Tribbett, Linden, In., national president of that group, said their annual meeting will be held on Sunday morning (Nov. 15) following brunch at 10:30 a.m. Announcement of the recipients of the annual Lassies of the Year awards will be made at the Monday evening banquet, she said.

The event will also be the site of the crowning of the National Shorthorn Lassie Queen during the annual banquet. According to Mary Bass, Plainview, Tx., coordinator of the competition, 15 young ladies will be traveling to Louisville as their state Lassie queens to vie for the national crown now worn by Jill Ann Rush of Coushatta, La., the 1980 National Lassie Queen.

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Eden, Lancaster County

—Photo By Dick Anglestein

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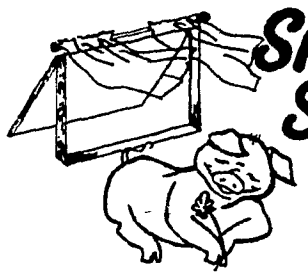

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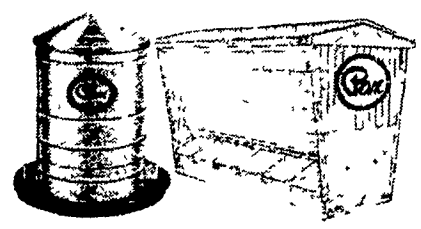

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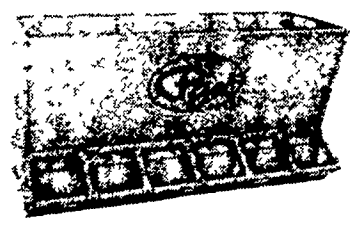

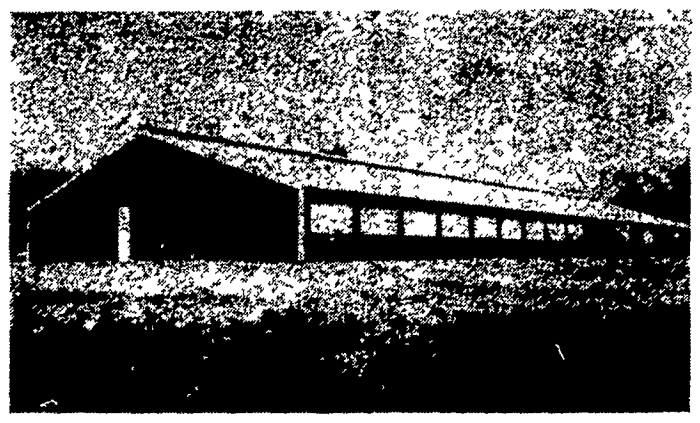

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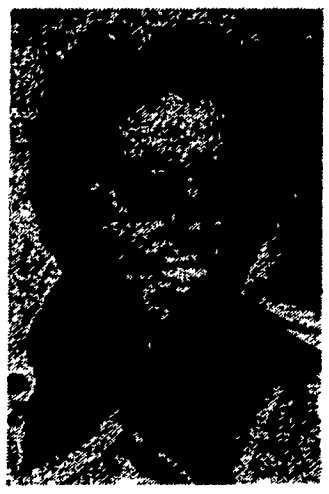

Farm Talk

Jerry Webb

On food and fuel

Prosperity is just around the corner.

How many times have America's farmers heard that? And here it comes again.

A midwest agricultural economist, author of 21 books and more than 750 articles on economics, believes farmers are about to enter their most prosperous period of this century. Earl Heady, director of Iowa State University's Center for Agricultural and Rural Development, says the agricultural sector in general has the most optimistic outlook for the last 80 years.

He bases this optimism on these four factors:

- Growth in the world's demand for food;
- Rising energy prices that will limit food production;
- An increase in the world's population and its per capita income that will allow developing countries to purchase more food and that will create increased trade with the Soviet Union and China;
- A decrease in the use of chemicals because of rising energy costs that will restrain the rate at which the world and domestic agricultural production increases

Heady points out that there's a steady demand for agricultural commodities, and he believes farm prices will be relatively higher as output increases more slowly with population and income level. He also feels that increasing costs of energy will restrain the level of world agricultural output. The outcome will be relatively higher prices for farmers.

"Sure, each U.S. farmer would be better off if his fuel prices were lower and commodity prices remained at higher levels. But he will still be better off to have high energy prices, restrain total output, and result in higher prices even though his fuel and fertilizer prices have increased," according to the economist.

The Iowa economist expects inflation to continue increasing the price of farmland. He also thinks a considerable amount of land will be shifted to nonfarm uses. Those factors will combine to make land relatively scarce and higher in price.

The whole spectrum of farm-produced fuel raises an issue that farmers and the agricultural community in general really hasn't come to grips with. Heady supplies figures that make the whole food-fuel issue look a little frightening.

His data show that the alcohol required for the average annual use of an American automobile would utilize enough food commodities to feed 23 people for a full year. He goes on to show that Americans have been exporting 30 percent of their corn, 45 percent of their rice, 58 percent of their wheat, 40 percent of their soybeans and 35 percent of all grains.

If those exports had been used to produce ethanol, it would have provided 11½ billion gallons. But that is slightly less than 10 percent of the U.S. annual gasoline consumption, and it equals about seven percent of America's annual oil imports.

"If we were inclined to go all out in producing energy from agriculture, 300 million acres of corn would be required to produce just 10 percent of the nation's total energy usage," the economist says.

That turns out to be about three times our recent acreage of corn, and more than 75 percent of the nation's cropland usage. "We couldn't produce this amount of ethanol and energy from conventional cropland and meet our domestic food requirements. If we tried it, food prices would skyrocket and divert grains back into food uses," according to the economist.

Heady thinks a considerable amount of ethanol could be produced to substitute for gasoline. But it would require an important change in America's eating habits. And it would also mean backing out of our ongoing commitment to alleviate world hunger. The economist says there is some potential of producing ethanol using land not currently devoted to crop production. But there are serious limitations to that philosophy.

"I don't believe that agricultural profitability depends on energy production from grain in the long run," the economist says. "World food demand is likely to grow fast enough so that U.S. agricultural capacity can probably serve mankind best through its grain exports."

So it all boils down to the simple fact that American farmers are best suited to producing food and feed crops for the billions of hungry people around the world, while somebody else produces the fuel. That assumes that somebody else is willing to share their fuel with us while we produce food for people who probably don't have any fuel to trade us.

Wouldn't it be nice if the Arabs were short on corn, rice or wheat, or any of hundreds of crops that we produce so well in this country? But it doesn't seem to work that way. We produce soybeans and sell them to Japan and buy oil from the Arabs. And in the long run, according to the Iowa economist and many others, that's probably American agriculture's best hope.

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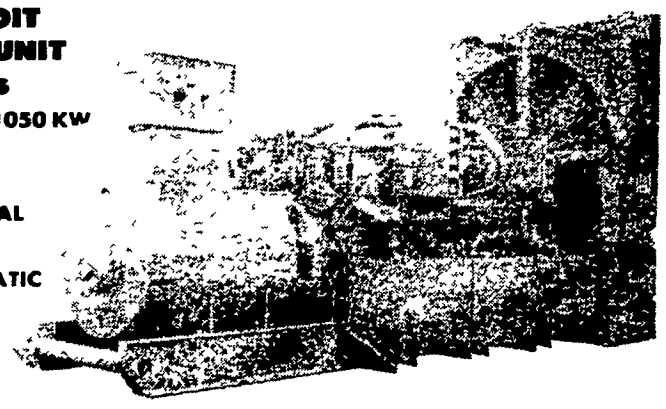

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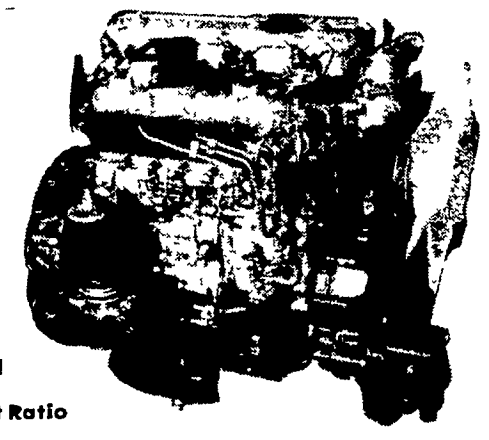

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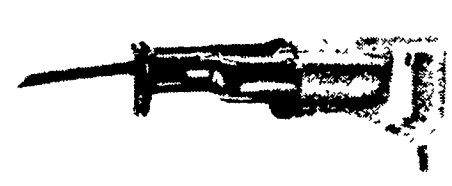

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Bovine TB leads USDA to destroy cattle herds

WASHINGTON, D.C. — Six cattle herds that were infected with or exposed to bovine tuberculosis have been destroyed after the disease was found by U.S. Department of Agriculture veterinarians.

John K. Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service, said three herds were in Alabama, two in Puerto Rico and one in Hawaii.

"Three Montgomery County, Alabama herds were slaughtered after infection was confirmed in one," he said. "The other two herds were considered exposed because their cattle had intermingled with the first herd.

"The largest herd, about 700 cattle, was located when a meat inspector reported lesions in the carcass of a cow that had been sent to slaughter. The USDA followed up by testing the herd, making post mortem examination of seven reactors, and culturing tissues at APHIS's National Veterinary Services Laboratories, Ames, Iowa."

In this and other cases, slaughter of the entire herd is authorized when the laboratory isolates the causative bacterium, Mycobacterium bovis. Federal and state indemnities are paid to the owners to help compensate for the loss.

"The second Alabama herd, with 400 animals, had formerly been part of the first when the two owners were partners," Atwell said. "The third herd, with 200 head, was linked to the first because of a common border, intermingled grazing and breeding by a bull from the larger herd.

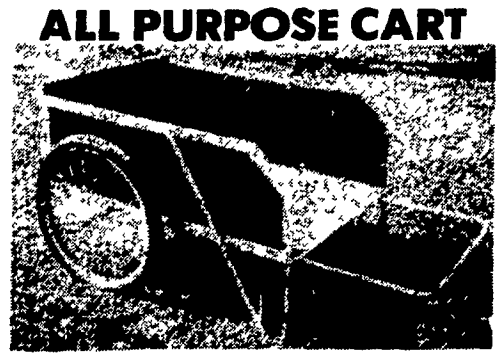
"In Puerto Rico, we found infection in one herd at Coamo after a meat inspector reported lesions resembling tuberculosis in a slaughtered cow. By tracing the ownership of the cow back to the herd of origin, USDA veterinarians located the herd and tuberculin tested its 57 animals. Twelve animals showed positive reactions and were destroyed. On post mortem examination, seven of the twelve had lesions, and we confirmed bovine tuberculosis at our lab in Iowa," Atwell said.

A second Puerto Rican herd, at Naguabo, was found through surveillance testing by USDA veterinarians. This 255-head herd had previously been released from quarantine, and was being tested as a precaution. Two animals showed positive reactions to tuberculin tests and were destroyed; infection was confirmed through post mortem examination and laboratory culturing of tissues from these animals.

In Hawaii, a 27-head herd was slaughtered on the island of Molokai when USDA veterinarians tested herds adjacent to an earlier bovine tuberculosis outbreak and found two reactors, one with lesions on post mortem examination. Culturing at Ames, Iowa, confirmed the infection.

After cattle are destroyed and removed from a premises because of tuberculosis, the premises are cleaned, disinfected, and must remain free of livestock for at least 30 days, Atwell said.

ALL PURPOSE CART



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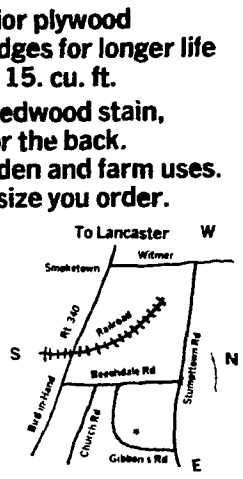

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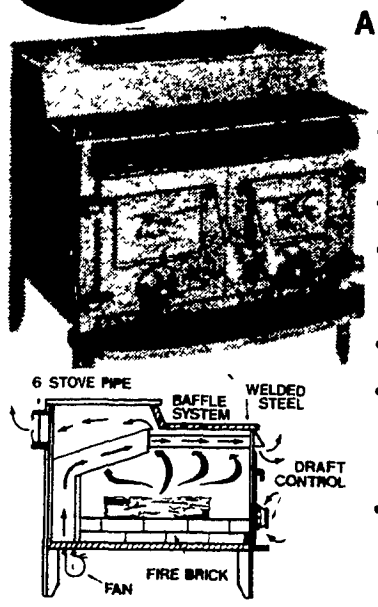

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215/75R14	76.50	2 73
205/75R15	75.70	2 62
215/75R15	78.85	2 73
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Blair County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

SEPTEMBER, 1981

The fifteen herds for the month of September are listed as follows

OWNER	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Raymond Diebold	33 0	95 6	56 6	3 5	1 98
Dale Hoover	31 7	90 9	54 4	3 6	1 95
Lar Ann Farm	106 7	88 0	51 9	3 7	1 93
Penn England	83 7	83 0	47 5	4 0	1 90
Blackcrest Farms	62 5	85 9	51 3	3 7	1 88
Dawn Baker	109 1	89 1	50 8	3 7	1 88
C & Mike Hoover	85 5	87 8	54 7	3 4	1 87
Rodney Mertzler	227 1	92 9	46 2	4 0	1 84
Richard Heltzel	37 1	89 6	47 3	3 9	1 84
G &G Baker	74 6	89 3	51 7	3 5	1 83
Noah S Zimmerman	58 7	95 0	52 4	3 5	1 83
Thomas W Kelly	65 2	82 6	49 8	3 7	1 82
W Dean Stern	57 7	93 4	56 6	3 2	1 81
Sun Smith Farms	39 1	97 7	50 2	3 5	1 77
Robert Brumbaugh	83 2	88 6	48 6	3 6	1 77

HIGH COW

The high cow for the month is a registered Holstein in the Rodney Metzler herd Cow #87 produced 25,839 pounds of milk and 1075 pounds of butterfat Also note the several other 1000 lb plus records Congratulations

OWNER NAME OR NUMBER	BRD	AGE	LBS. MILK	% FAT	LBS FAT
G W & R G Baker					
209	GH	3-2	26,176	3 3	859
Harold Guyer					
34	GH	5 11	20,188	3 5	716
Smith Hollow Farms					
128	GH	4-1	21,200	3 6	768
135	RH	3 8	20,947	3 6	750
159	GH	2-9	17,185	4 1	706
James Smith					
Star	GH	6-7	22,394	3 3	732
Charm	RH	5 0	19,743	3 9	765
Wayne P Stonerook					
Ann	GH	5-1	19,562	3 6	700
Mary Walters					
BBL0864	RH	5-1	20,501	4 0	830
Steele Farms					
Floss	GH	9 3	15,873	4 7	753
33	GH	3-5	17,373	4 5	783
Rich Lou Farms					
Roxy	RH	4-7	17,109	4 4	745
Landy	RH	4-8	18,487	4 0	734
Dale W. Hoover					
Janet	RH	2 0	21,495	3 5	745
Clover Will Farms					
2	RH	7 8	22,354	4 1	926
53A	RH	3-7	21,947	3 6	795
89A	RH	3-2	21,062	3 9	815
49B	RH	2-2	20,606	3 6	744
62B	GH	2-1	21,012	3 5	742
G Wayne Smith					
Rita	GH	4-1	18,510	3 9	713
Harold Yingling					
20 Amit	RH	4-1	15,898	4 5	711
Sun Smith Farms					
563	GH	4 3	20,242	3 6	736
Milton Corle & Sons					
Vera	RH	8-11	18,260	4 0	727
Lima	RH	4-11	19,152	4 4	848
Mary	RH	5 1	23,613	3 3	787
Jane	RH	4 1	20,033	3 7	745
Belle	RH	4 4	16,575	4 7	771
Martha	RH	4 1	19,432	3 7	723
Kay	RH	7 7	18,787	4 5	843
Spotty	RH	3-2	18,724	3 9	732
Gerald Burket					
Carmen	RH	5 2	24,377	4 1	1006
Janie	RH	10-0	20,692	3 5	721
Prunell	RH	5-11	21,037	3 6	748
Daffy	RH	7 3	20,424	3 9	799
Fred Bechtel					
Proud	RH	3 0	18,755	3 9	726
William & Larry Baker					
159	GH	6-6	18,624	4 1	763
Kathy	GH	5 0	18,949	4 0	752
22	GH	9 0	20,474	3 5	717
31	RH	4 0	15,663	4 7	729
100	GH	3 0	17,426	4 2	725
Blackcrest Farms					
81 B	RH	8-2	23,804	4 3	1023
98 B	RH	6-1	22,580	3 5	798
15	RH	5 1	22,241	4 0	889
29	RH	4-7	24,065	3 8	912
Sheldon Fleck					
June	GH	8 2	19,927	4 0	795
Irma	GH	6-11	18,947	4 5	850
Robert A. Brumbaugh					
0358	GH	8-3	22,854	3 5	800
366	GH	8-2	23,128	3 7	857
4148	GH	3-4	18,258	4 1	747
W Dean Stern					
67	GH	8-11	23,280	3 3	775
Y78	GH	4-0	19,375	4 2	819
Sue	RH	6 4	22,486	3 5	787
0 83	RH	2-5	20,579	3 7	764
Cove Valley Hol Inc.					
28	Gh	5-1	24,451	3.6	880
William R England					
22 B	GH	5-8	19,860	4 3	858
91 B	GH	4-3	18,890	4 3	808
Susan	RH	4-2	21,764	4 3	932
92 B	GH	4-2	22,257	3 9	874
59C	GH	3-1	19,750	3 9	772
Nanet	RH	2-7	17,980	4 3	769
Donald G. Hoover					
Pamper	RH	6-8	20,741	3 7	766
Alma	RH	4-2	20,319	3 5	714
Panda	RH	4-1	20,450	3 9	791
Eve	RH	5-4	18,441	4 2	776
Aldon-Acres					
Aster	RH	8-11	21,152	3 6	760
Daisy	GH	10-10	19,403	4 0	770
George D Smith					
1	GH	7-4	24,717	3 8	942
112	GH	4-4	22,083	3 7	809
Dawn Baker					
146	GH	8 10	23,133	3 8	868
150	GH	8-8	23,948	3 6	867
177	GH	7-9	21,502	3 7	795
181	GH	8 1	19,932	4 3	853
270	GH	5 2	20,389	4 2	865
300	GH	4-3	24,674	3 5	853
342	GH	3 4	20,661	3 6	752
347	GH	3-6	16,335	4 3	704
388	RH	2 8	18,802	4 0	761
John Morrow					
Jane	RG	5 2	13,419	5 4	730
Petunia	RG	4-2	12,739	5 6	717
Rodney L Metzler					
63	GH	11 11	18,680	3 8	705
67	GH	10 10	16,578	4 6	759
169	GH	6 2	18,582	4 1	771
87	RH	4 6	25,839	4 2	1075
147	RH	2 9	19,354	4 1	788
Phillip E Pheasant					
Spot	GH	8 1	27,465	2 8	777
Kelly	GH	5 1	19,681	3 6	705
Thomas W Kelly					
Beautif	RH	8 1	26,769	3 9	1033
Winnie	RH	4 9	25,306	3 6	922
Burket	RH	4-7	20,549	3 4	705
Pleasant Lawn Farm					
Julie	GH	6 2	17,199	4 1	711
Noah S Zimmerman					
Comet	GH	5 2	21.055	3 7	788

(Turn to Page D17)

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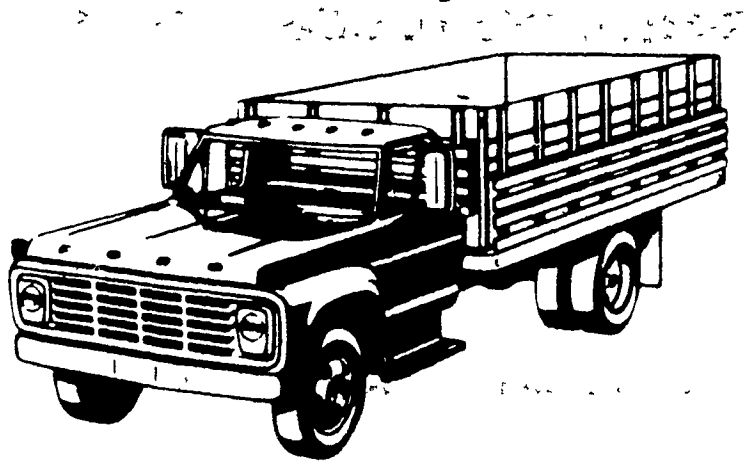

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Huntingdon County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

September 1981
Top 15 Herds In Fat Lbs.

OWNER	BREED	NO. COWS	COW DAYS IN MILK	FAT LBS.
Breezy Hollow Farm	3	49 7	91 1	1 86
John S Kyper	B3	31 9	92 7	1 86
State Correctional	B3	159 4	90 5	1 83
Gerald E McCath	3	62 7	92 2	1 82
J Frederick Kyper	3	31 7	94 8	1 77
Branstetter Farms	B3	85 5	89.1	1 73
Willard J Yoder	3	146 4	87 7	1 66
Locust Lane Farm	B3	85 5	84 3	1 66
John C Goshorn	B8	30.0	82 4	1 64
Gibboney Farms	3	57.0	85.8	1 64
Gensimore Farms Inc	B3	100 9	91 2	1 63
Glenn Peachey	3	67 8	86.3	1 62
George G Morningstar	B3	32.3	97.3	1 62
Gregory & Nancy Yocum	3	28 9	92 2	1 61
Harold N Book	B3	44 0	81 4	1 60

Top 15 Herds In Milk Lbs.

Breezy Hollow Farm	3	49 7	91 1	55 3
John S. Kyper	B3	31 9	92 7	54.9
Gerald E McMath	3	62 7	92.2	52 4
George E Morningstar	B3	32 3	97.3	51.5
Branstetter Farms	B3	85 5	89 1	51 3
J. Frederick Kyper	3	31 7	94 8	50.5
Sidney R Ormsby	B3	56.9	90 0	49 2
Locust Lane Farm	B3	85.5	84.3	48 8
Eberle Brothers	B3	56 3	84 6	48 7
Howard & Nancy Wiggin	B3	71.3	86.3	46.8
Evergreen Farm No 3	3	369 0	85.4	46.5
Glenn Peachey	3	67 8	86 3	45.9
Gibboney Farms	3	57 0	85 8	45 6
Globe Run Farms	3	82 8	92.1	45 6
E James McMath	3	104 5	81 8	45 3

OWNER NAME or NO.	BRD	AGE CALVING	DAYS IN MILK	MILK LBS.	FAT LBS.
Evergreen Farn No 3					
1082	3	4-0	291	25,801	1011
688	3	7-8	293	20,831	962
826	3	6-5	305	24,131	956
874	3	6-0	305	21,134	896
671	3	7-11	305	23,741	849
827	3	6-6	305	22,420	840
1362	3	2-0	305	20,756	836
1202	3	3-2	305	23,191	799
1225	3	3-8	305	23,087	768
1057	3	4-6	305	22,038	763
1387	3	2-4	305	19,514	763
1207	3	3-6	295	18,743	751
1219	3	6-2	304	17,409	746
1054	3	4-3	305	18,278	743
1007	3	4-11	281	18,900	734
1386	3	2-1	305	17,031	731
1216	3	3-1	305	16,231	726
1197	3	3-3	305	18,867	725
1208	3	3-3	305	17,592	711
685	3	8-2	305	19,888	709
861	3	6-1	289	21,681	705
789	3	6-8	305	21,083	700
1012	3	4-8	305	19,211	696
1231	3	3-3	298	18,736	693
1236	3	2-11	305	18,950	674
662	3	7 9	305	18,458	660
1371	3	1 8	305	15,949	657
1377	3	1-11	305	13,851	641
1379	3	2-0	305	16,202	637
1370	3	2-0	305	14,245	627
1198	3	3 0	305	17,117	624
1375	3	2 0	305	14,274	624
1372	3	1-11	305	15,164	623
1378	3	1-11	305	17,186	524
Roland G Yoder					
Edith	3	6 10	305	18,949	948
Fanny	3	6 8	305	23,336	899
Star	3	4-2	305	18,267	750
Sage	3	8-2	305	21,792	729
Ivy	3	5 3	305	18,490	715
Fran	3	2-2	297	15,812	696
Cindy	3	4-10	305	16,823	651
Ardith	3	2-1	305	13,993	624
Laddie	3	2 1	305	14,409	621
Branstetter Farms					
Mandy	3	4-8	305	22,793	927
Marsha	3	5 0	305	20,431	674
173	3	2 0	305	17,025	671
Joseph H Hicks					
84	5	7-3	305	22,361	927
57	5	9 9	305	22,899	896
146	3	5 3	305	23,619	742
106	5	6-3	305	17,647	698
100	3	6-11	305	17,825	692
206	3	3 5	305	17,347	656
170	3	4-0	305	19,700	635
196	3	2 0	305	14,703	622
155	3	4-5	305	17,345	603
192	3	2 0	305	15,449	602
Howard & Nancy Wiggin					
87Jenny	3	6-6	295	21,281	927
94Patty	3	6-7	305	22,343	862
49Rower	3	9-1	305	22,969	860
15Jewel	3	9-5	305	20,029	856
50Justi	3	8 6	288	21,141	845
90Aliso	3	3 2	305	19,268	721
38Farty	3	3 1	300	16,210	670
20Anna	3	2 1	305	15,033	625
John S Kyper					
34	3	7 9	305	25,596	925
32	3	3-3	305	29,192	728
47	3	7 0	305	18,759	703
18	3	5 11	305	21,957	696
3	3	5 1	305	19,355	682
44	3	3 8	305	18,793	652
Sangrey Brothers					
108Tops	3	7 4	305	23,296	893
15Mary	3	4-2	305	23,123	775
21Shen	3	3 2	305	17,963	691
70Jodi	3	2 5	305	17,839	655
71Kim	3	2 2	305	16,920	614
Behrer Farms					
43	3	7 6	305	23,223	855
115	3	3 2	305	19,129	682
128	3	3 0	305	18,211	663
77	3	4 2	305	20,342	644
117	3	3 1	305	19,799	637
10	3	7 9	278	15,752	621
155	3	2 3	305	15,505	620
173	3	2 0	305	17,936	615
175	3	2 0	300	15,922	614

(Turn to Page D18)

Blair Co. DHIA

(Continued from Page D16)

Julius Replogle					
Ideal	GH	6 5	19,411	3 8	729
Raymond Diebold					
Dawn	RH	4-8	17,593	4 1	724
D. & R Sollenberger					
9	RH	8-8	23,088	3 7	852
Walter Keller					
79	GH	11-3	18,761	4 0	756
333	GH	4 8	22,514	4 3	976
207	RH	4-1	18,972	3 8	727
208	H	4 2	15,938	4 5	724
215	RH	3 5	18,628	3 8	702
217	RH	3 1	16,281	4 5	726
Cross Country Farms					
97	GH	4-11	16,598	4 8	760
Charles & Mike Hoover					
Sizzler	GH	7-11	22,134	4 8	1057
Barbie	GH	4-0	22,895	3 5	811
Sparkling Springs Fm					
118	GH	5-6	18,606	4 3	804
301	GH	3 3	19,879	3 7	728
Johh Keithley					
3	GH	9 0	21,956	3 6	801
Sollenberger Farms					
72	GH	4-0	15,078	4 6	700
132	GH	4-0	23,622	3 1	728
Richard Heltzel					
Holly	RH	2-8	17,890	4 0	711
Penn-England					
Astria	RH	4-3	20,831	4 1	850
Marie	RH	4-0	19,037	4 0	753
Rocky	RH	3-4	21,017	3 7	772
Nan	RH	3 3	19,817	3 8	755
E.P & D L Stonerook					
Gina	RH	7-11	17,176	4 3	730
Clair S Hursh					
59	RH	3 4	14,993	4 7	705

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Huntingdon Co. DHIA

(Continued from Page D17)

225	3	3 4	305	16,221	602
126	3	3 0	305	18,550	591
Globe Run Farms					
Cassey	3	11 0	305	23,058	830
Robbie	3	4 2	305	19,553	822
Cary	3	4-2	305	22,102	756
Toot	3	6 9	305	21,646	736
Countes	3	3 4	305	15,474	715
Max Isenberg					
Ruffian	3	4 2	305	19,649	812
Booger	3	3 3	305	17,370	697
Connie	3	0 0	305	20,907	658
Margie	3	7 1	305	21,479	651
LP	3	3 4	289	16,947	621
Glenn Peachey					
Dairy	3	5-2	305	20,456	809
Haysen	3	11 0	305	19,235	781
Gem	3	6-9	305	20,977	659
Brenda	3	3-5	305	13,165	608
Sidney R Ormsby					
7Ruff	3	5 2	305	21,300	800
38Jesse	3	4-7	302	20,343	726
3Kilry	3	6 1	290	18,053	692
9Egg	3	5 7	294	17,551	662
Edwin Steach					
Andrea	3	5 8	305	17,391	798
30	3	4 0	305	20,841	711
Della	3	3 2	305	18,867	678
Patty	3	4 5	305	16,772	637
Gillbrook Farms					
TV1325	3	6 6	305	21,422	796
B1414	3	3 2	305	19,478	768
1316	3	3 9	305	18,929	755
PV1409	3	5 0	305	19,675	719
B1380	3	4-0	305	18,784	711
B1411	3	5 0	305	16,519	694
RG1319	3	8 9	292	19,349	683
DAL 1420	3	5 2	304	17,666	676
1254	3	8 0	269	20,086	669
B1419	3	5 7	305	18,523	668
REC1412	3	2-7	305	18,155	629
1333	3	2 8	300	16,914	627
1312	3	3-6	271	16,056	605
RG1321	3	7 11	305	17,862	600
B1416	3	5 9	305	17,314	598
Durbin Farms					
Suzy	3	3 4	305	18,090	783
Bell	3	6 7	305	21,183	766
Lulu	3	3-4	305	15,447	727
Toppy	3	3 2	305	17,573	726
Seven	3	3 4	305	16,679	706
Roxy	3	2-1	305	16,129	696
Pet	3	10-9	305	19,501	682
Rose	3	2-2	305	18,579	644
Petunia	3	2-1	305	14,221	619
Lady	3	2 2	305	15,709	609
Eberle Brothers					
Lib	3	8 3	305	21,240	780
Helen	3	3 6	305	16,922	662
Sara	3	6 0	305	17,699	566
Willard J Yoder					
201	3	4 9	305	18,823	776
90	3	4 5	305	18,968	706
12	3	6 11	275	19,150	701
262	3	2 2	305	16,341	678
51	3	4 4	305	15,626	667
284	3	2 3	305	16,936	659
18	3	2 7	305	17,497	646
43	3	2 11	305	13,388	640
21	3	3 6	305	13,420	617
82	3	5-5	305	14,526	615
258	3	2 1	305	19,121	536
State Correctional					
170	3	8 0	305	19,117	774
055	3	4 8	303	17,055	711
248	3	5-9	305	18,574	699
400	3	3 0	305	16,543	695
263	3	4 3	305	16,381	653
402	3	2 11	305	15,904	651
416	3	2 11	293	17,429	632
482	3	2 1	305	16,349	613
150	3	8 10	298	18,054	583
Jefferson R Byler					
Pearl	3	5-0	305	23,752	757
Gem	3	4-8	304	22,473	744
Chime	3	6 0	305	21,425	721
Charm	3	5-3	305	20,918	691
Heather	3	5 5	305	15,602	635
Mable	3	5-11	305	14,928	612
Maud	3	4 6	303	17,933	575
Stu-Bon Farm					
090	3	6 6	305	20,877	752
Lakevue Farm					
Rebecca	3	4-5	305	20,014	744
Toni	3	3 8	305	23,016	630
Ada	3	4 6	305	19,416	624
Misty	3	3-2	305	20,321	620
N & N Farm					
0 72	3	3 4	305	18,454	744
E James McMath					
Dekol	3	3 8	301	16,110	745
Glenn E Houck					
123	3	4 3	305	18,377	737
101	3	0-0	305	21,155	733
111	3	3-2	305	21,318	726
105	3	5-3	305	21,346	681
121	3	4-0	305	18,514	672
Or 77	3	6-4	305	20,800	643
Joseph C Knarr					
48	3	5.1	305	22,388	735
Gibboney Farms					
Sylvia	3	4-3	305	22 398	726

(Turn to Page D19)

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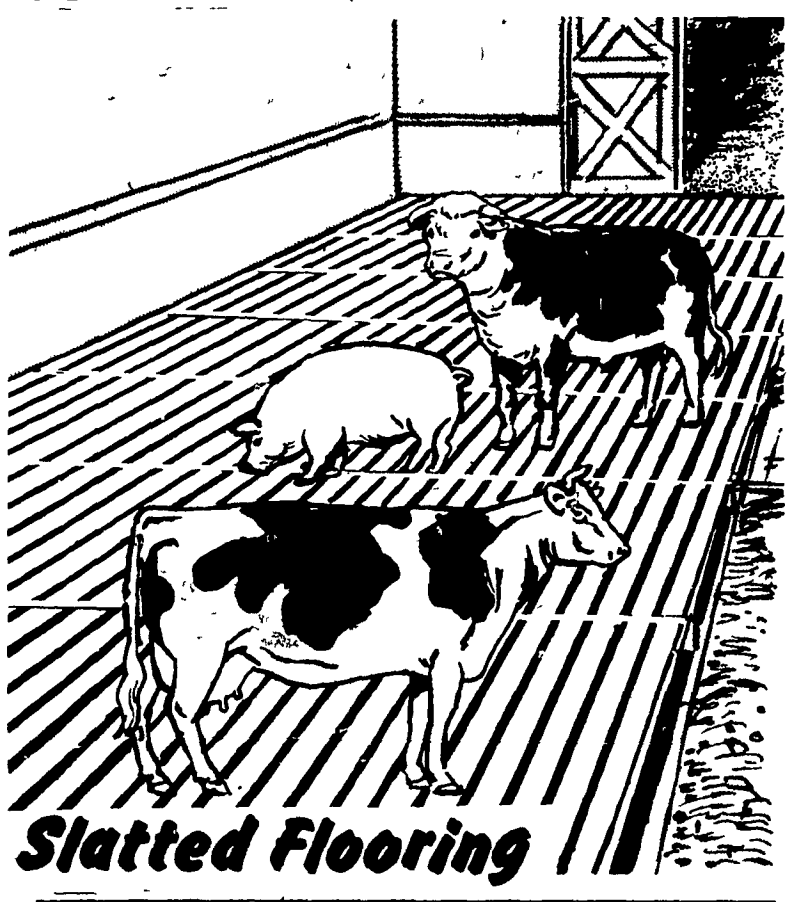

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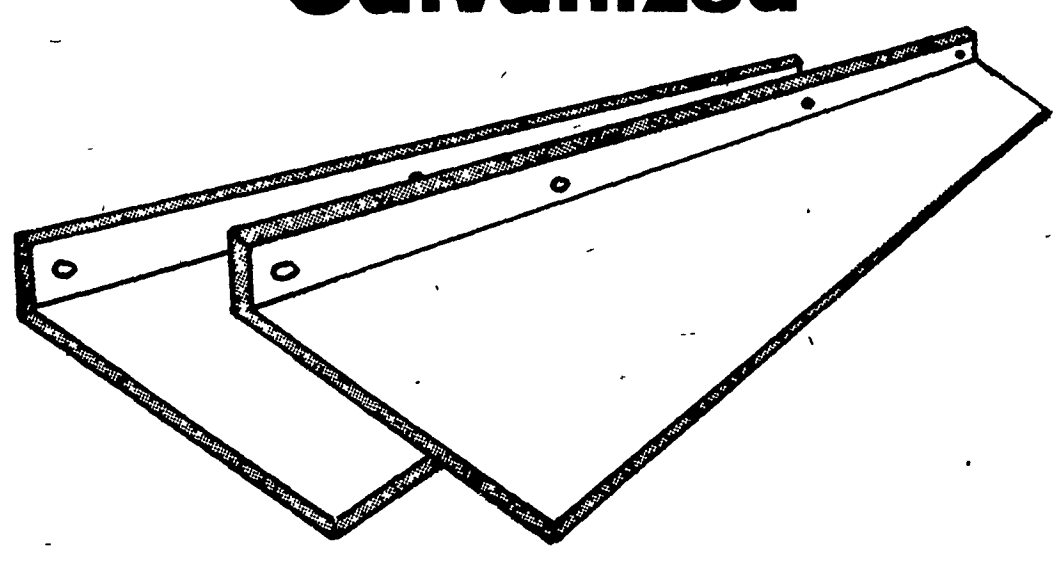

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Huntingdon Co. DHIA

(Continued from Page D18)

Tonya	3	5-0	291	14,151	686
Joann	3	4-3	281	16,578	627
Meg	3	3-2	305	17,808	619
Raymond M McGargle					
Nicole	3	7 1	305	19,721	725
Pride	3	5 6	305	16,682	670
Beth	3	9 10	305	15,815	659
Raymond Tussey					
Daisy	3	9-9	305	21,650	723
Tinkbel	3	4-4	305	16,872	690
Charm	3	5-7	305	17,518	560
Locust Lane Farm					
Trill	3	6-3	305	16,834	717
Y 8	3	4-11	288	17,369	707
Clara	3	6-3	285	22,242	702
Y 78	3	3 10	305	17,262	699
Sonny	3	7-0	305	21,551	695
Y 24	3	3 11	295	21,640	691
Y 76	3	3-11	305	18,325	663
Y 7	3	5-0	305	13,130	608
Breezy Hollow Farm					
VI	3	5-1	304	21,189	715
Ali	3	2-2	305	18,056	651
Viola	3	2-11	305	17,254	616
Leslie	3	3 0	305	18,929	584
Baney Brothers					
Anita	3	5-11	294	18,160	710
Clara	3	4-1	295	18,006	615
Mary	3	6-4	254	16,247	609
Blacklog Mountain Farm					
Mollie	3	7-10	305	19,691	692
357	3	2 1	305	15,515	622
Whitie	3	7 4	305	17,775	594
Dutchmn	3	6-11	305	17,861	529
Geary E Shade					
Pine	3	4 2	305	21,130	690
Minnie	3	4 7	305	18,300	457
James O Clark					
59	3	2-2	296	16,940	690
Kenneth & Betty Weber					
3	3	0 0	305	17,857	686
Gerald E McMath					
Mitzy	3	4 4	205	23,255	684
Peach	3	4-8	305	18,252	545
Bell	3	5 0	305	18,500	514
Franklin G Wagner					
65	3	4-1	305	18,861	681
9	3	6 11	304	17,650	673
61	3	4-9	305	16,647	627
Harold A Moyer					
57	3	3-0	286	15,505	672
131	3	5-4	305	20,136	664
40	3	3 0	286	16,298	624
22	3	4-10	305	16,038	608
Lakevale Ayr Farm					
Beeb	3	4 9	305	15,311	662
Brooks	3	3 0	305	16,327	657
Paul D Powell					
93	3	4 0	305	19,975	659
Tom & Gloria Coffman					
12	3	5 8	305	18,229	655
16	3	6 3	305	16,952	645
Jo-Con Dairy					
Brenda	3	7-6	305	17,817	655
Ann	3	6 4	305	14,655	649
Spot	3	5-7	305	18,770	627
Philip A Yohn					
5647	3	4 11	281	16,365	642
Gensimore Farms Inc					
100	3	6 0	305	15,142	635
Gregory & Nancy Yocum					
Margie	3	5 1	304	18,200	630
Julie	3	3 0	305	14,097	612
Hawn Brothers					
Penny	3	3 11	305	18,265	629
Dean E Varner					
Mindy	3	4-2	305	16,045	629
Ezra S Zook					
Beauty	3	4 3	305	16,506	624
Chester & Carole Smith					
74	3	6 8	305	15,783	619
122	3	3 1	305	16,556	617
J Frederick Kyper					
Beanie	3	8 2	305	15,838	616
George G Morningstar					
55	3	3 10	305	17,844	605
Parsons Brothers					
4	3	7 0	305	17,710	556

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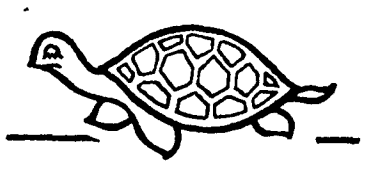

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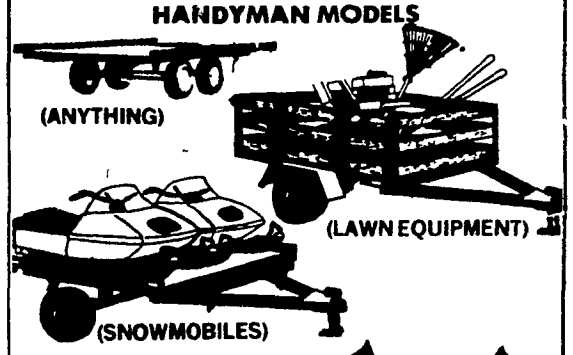

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Limousin activities expand for 'The Best Ever' 1982 Nat'l Western

DENVER, Colo. — Limousin activities have set a 12-year tradition for kicking off the National Western Stock Show. Limousin cattle will once again be featured in the first regularly scheduled event during Denver's National Western.

"The Best Ever" National Limousin Show and Sale will lead off the 1982 National Western with the show of the sale cattle at 8 a.m., Wednesday, Jan. 13. At 11:30 a.m., the Limouselles, the Limousin auxilliary, will meet at the Regency Hotel followed at 1 p.m. by the National Limousin Queen Contest.

Limousin Foundation members and other interested cattle producers can attend meetings the afternoon of Jan. 13 beginning with open committee meetings at 2 and finishing with an open board of directors meeting and the annual business meeting at 4 p.m. At 6:30 the evening of the opening day of the National Western, Limousin breeders will enjoy a banquet and dance where the 1982 National Limousin Queen will be crowned.

Junior Limousin breeders will start activities Thursday, Jan. 14 at 8 a.m. with a Junior Limousin Heifer Show. The heifer show will be followed at noon by the selection of the champion steer.

At 2 p.m., "The Best Ever" National Limousin Sale will take place in the Stadium Arena. The 12-year-old National Limousin Sale has highlighted the stock show for many cattle producers and entries indicate the quality of cattle consigned should make it one of the best. Following the sale, the Limouselles will hold their second Style Show in the National Western Club.

Activities for Friday, Jan. 15 will begin at 7 a.m. with the second annual National Limousin Open Show. Separate from the National Show and Sale, the open show gives cattle producers a chance to show cattle which won't sell at auction. The open show will conclude at 2 p.m. and will be followed by a Limouselle tour of historic Georgetown. The mining community is located in the beautiful Rocky Mountains and was one of Colorado's gold rush centers during the late 1800s.

Limousin enthusiasts will invade the yards Saturday, Jan. 16 to watch the Limousin Pen and Carload Bull Show. In the past, Limousin have consistently been at or near the top for total entries in the Pen and Carload Bull Show and 1982 should prove no different. The bull show begins at 8 a.m. and concludes at 2 p.m. wrapping up Limousin events for the day.

A feeder calf show with a separate class for Limousin will begin at 8 a.m., Tuesday, Jan. 19. These feeders will sell Wednesday, Jan. 20 at 9 a.m. with a commercial heifer show beginning at the same time. The commercial heifer sale will be held at 9 a.m. Thursday, Jan. 21.

Del. irrigation conference coming Nov. 24

NEWARK, Del. — This year's Delaware Irrigation Conference will be held Tuesday, November 24, at the Sheraton Inn in Dover. Doors will open at 8:30 a.m. for registration and a visit to exhibits. The program will start at 9:30 and end at 3:30 p.m.

Highlights of the meeting will be a talk by Florida Extension agronomist Dave Wright on a production system for 200 bushel corn, and a presentation by New Jersey Extension agronomist Roy Flannery on his experience growing 312 bushel corn and 94 bushel soybeans.

Other topics to be covered include: problem solving with aerial photography; corn water use and irrigation requirements; and application of pesticides through irrigation systems. The conference will close with a panel of Delaware growers discussing their experiences with irrigation.

For further information contact program chairman Dave Woodward at the Kent County Extension office 302/736-4675.

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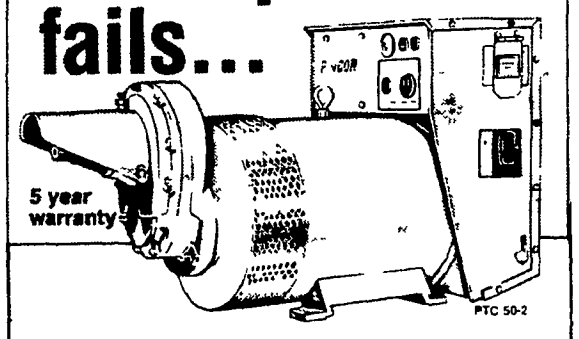

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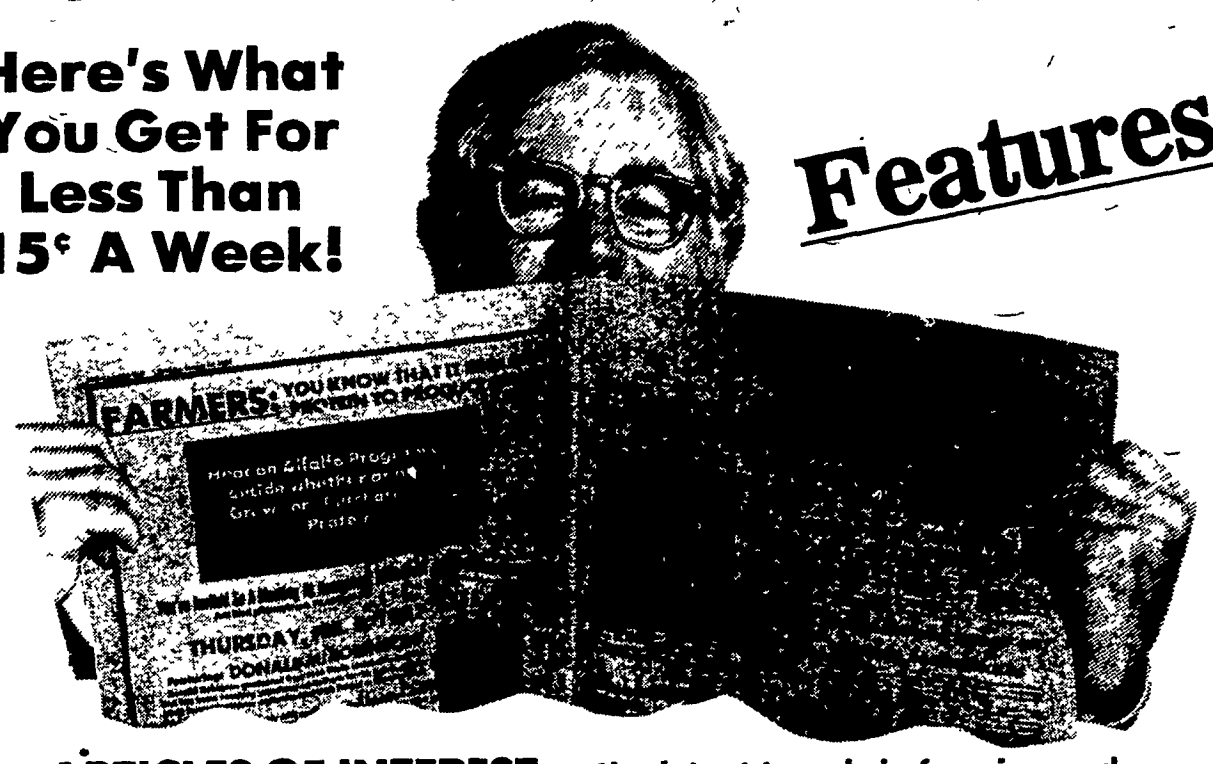

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Charolais Assoc. offers membership to commercial bull buyers

HOUSTON, Tx. — A program which would develop a membership classification for the commercial beef producer who uses Charolais bulls was approved during the annual spring meeting of the American-International Charolais Association Board of Directors.

The annual dues for a commercial member will cost $15. The intent is for the breeder who sells a registered Charolais bull to a commercial producer to pay the membership dues for the first year. This will require the Charolais breeder to fill out a commercial membership application form and send it, along with a check for the dues, to the AICA office.

The reasons for establishing this classification are to provide recognition of the importance of the commercial producer to the success of the Charolais breed; to establish a line of communication between AICA and the individual commercial users of Charolais bulls; and to provide an added service to AICA members.

Once the membership application is received at the Houston AICA office, the commercial member will be sent a membership packet. This will include a cover letter informing the new commercial member of who sponsored his membership and what he can expect to receive as a result of it. A copy of this letter will also be sent to the sponsoring Charolais breeder.

Also included in this packet will be a copy of the current issue of the "Charolais Journal", a copy of the most recent Commercial Report, a copy of the current AICA Membership Directory, and a membership certificate.

After the membership has been processed, the commercial member will receive a subscription to the "Charolais Journal"; will be placed on the mailing list to receive the quarterly Commercial Report; be eligible to enroll the cow herd in the Charolais Herd Improvement Program; have name published in the "Charolais Journal" and also in the next AICA Membership Directory; and be eligible to have his Charolais-cross calves listed in a feeder calf/replacement heifer listing by state.

Prior to the expiration of their first year of membership, the commercial member will receive a letter asking if he would like to continue the membership at a cost of $15 per year. A copy of this letter will also be sent to the Charolais breeder who originally sponsored the commercial producer's membership.

For more information about this new membership classification, or for applications, contact the American-International Charolais Association, 1610 Old Spanish Trail, Houston, Tx., 77054, phone 713/797-9211.

USDA reduces cattle guarantine time

NEW YORK, N.Y. — Effective Nov. 25, the U.S. Department of Agriculture will reduce the time that imported cattle must be quarantined at the Harry S. Truman Animal Import Center in Key West, Fla., from five to three months.

John K. Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service, said the shorter quarantine is sufficient to allow for the necessary observation and testing of the animals. It will permit a substantial reduction in the fees charged for testing and maintaining the cattle during the quarantine procedure.

"On the basis of two previous importations of cattle through the center, we know that we can complete the tests and assure the health of the livestock within the 90-day period," Atwell said.

Atwell said in addition to quarantine at the high security facility, located on an offshore island, the imported cattle are tested and examined in the country of origin and held in a USDA-approved isolation facility in the foreign country before they are delivered to the port of embarkation under USDA supervision.

The Harry S. Truman Animal Import Center was specifically developed to provide a safe means of importing new breeding livestock from countries where foot-and-mouth disease is known to occur. Previously, USDA officials had barred all direct imports of susceptible livestock from affected countries.

The new regulations for quarantine at the Truman Animal Import Center will apply to cattle that will be selected for importation within the next few months. Up to 400 cattle can be handled at the center during each importation, being admitted, tested and cleared for entry as one lot.

The new regulation was scheduled for publication in the Oct. 26 Federal Register.

12
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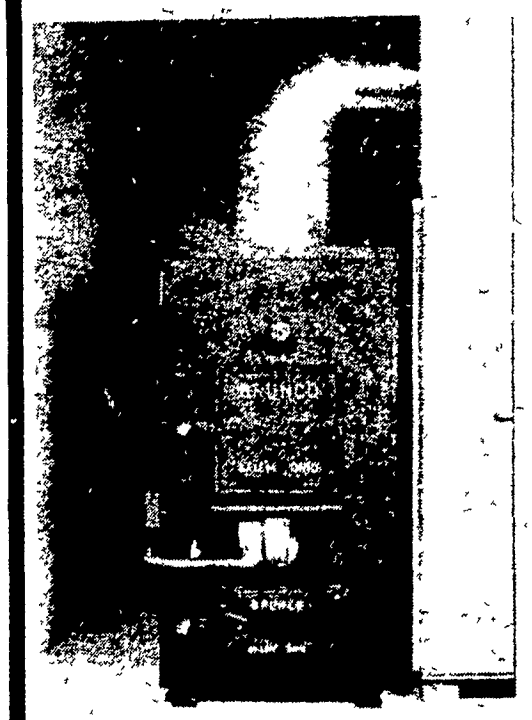

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VISA

Tioga County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

September 1981

Herds in the Tioga County D H I A in September 1981 which produced an average fat production of 1 75 lbs /cow days

NAME	BRD	NO COWS	% COW DAYS IN MILK	LBS MILK	LBS FAT
P&E Machmer	R&GrH	26 0	96 5	52 7	3 8	1 99
Verne W Bowen	RH	40 0	92 9	50 4	3 6	1 82
Dale Roberts	RH	41 1	99 6	50 0	3 6	1 81
Jay Foreman	RH	77 6	90 1	46 6	3 8	1 79
War-Bern Farm	RH	84 5	90 0	50 9	3 5	1 78
L&J Holsteins	RH	37 7	87 9	45 5	3 9	1 78
Windswept Dy	R&GrH	89 1	96 6	48 2	3 7	1 77
V Watkins	R&GrH	68 4	84 1	43 4	4 1	1 76

Cows that produced 750 lbs of butterfat or more in 305 days in September 1981 in the Tioga County Dairy Herd Improvement Association

OWNER NAME OR NO	AGE AT CALVING	DAYS IN MILK	LBS. MILK	LBS FAT
Gordon M Wood #1				
Halo	7 9	305	29,016	4 8	1404
Fame	5 9	305	24,288	3 3	811
Bonnie	6 1	305	21,011	3 6	759
Chenango Farm				
Nancy	5-3	305	30,307	3 9	1193
Rosie	3 6	305	22,918	4 2	964
Ruby	3 11	305	19,990	4 1	818
Ollie	4-10	305	21,672	3 7	801
Marlin	3 2	305	22,414	3 5	795
Glenn Bowen				
Olga	3 3	305	21,804	5 0	1088
Dutch	4 2	305	23,203	4 5	1036
Iris	2 11	305	22,305	3 9	860
Elsie	6 9	305	21 179	3 9	818
Robert Shanley				
#15	6 3	305	22,871	4 6	1048
Connie	10 6	305	20,524	4 0	819
#120	4 0	305	21,744	3 7	806
#84	6 2	305	18,196	4 2	764
#86	6 3	269	18,001	4 2	758
Dale E Allen				
#54 0	6 4	305	26,664	3 7	978
#303	5 3	305	25,397	3 8	974
#90 0	4 2	301	23,204	3 6	840
Willys Hamilton				
#112	5 11	276	23,022	4 2	978
#109	5-1	305	26,876	3 6	975
#50	7-10	305	23,069	5 0	920
#108	5 0	305	19,734	4 6	899
#105	4 6	305	24,998	3 3	835
Eugene Sargent				
#46	5 0	305	19,613	4 8	942
David Weaver				
Pride	6 7	305	22,448	4 2	936
Tom Bower				
#56	8 2	305	21,414	4 3	924
Landis Bros				
Charm	5-11	305	22,675	4 0	917
Thomas Groover				
Carol	4 1	305	25,325	3 6	913
Sheila	5 11	305	22,363	3 8	851
Vernard Watkins				
Judy	6 6	305	24,529	3 7	911
Simalot Holsteins				
Vee	8 4	305	26,042	3 5	904
Audry	7 9	305	22 717	3 7	841
Richard Groover				
Patty	2-11	305	21,865	4 1	901
Judy	8 10	305	20,721	4 3	894
Bony	3 3	299	20,119	4 1	828
Theodore Schmelzle				
Junie	6-1	305	20,866	4 2	874
Bonie	3-10	305	25,356	3 3	826
Jana	4-7	305	19,463	4 1	804
Perry & Eric Anderson				
Patsy	6-10	305	25,667	3 4	869
Emma	6 9	305	20,291	3 7	753
War Bern Farms				
Sunshine	4 7	304	23,766	3 7	869
Jenkins & Pazzaglia				
#4	6 6	305	19,427	4 5	869
L & J Holsteins				
Betsy	7 8	305	22,159	3 9	868
Norman & Gary Jackson				
Image	4-7	305	21,178	4 1	867
Gordon & Roy Schanbacher				
Floss	4-9	305	21,160	4 1	857
Sona	3-11	305	20,336	4 0	806
Marlandacres				
#13	8 2	305	22,007	3 9	848
#49	7 6	286	19,203	4 3	825
Boro Line				
#22	7 9	305	19,461	4 3	843
#123	5 11	305	19,684	4 1	806
William Wilcox				
Bess	7 9	305	21,725	3 9	842
Marsha & David Lichty				
Betty	8 6	305	19 843	4 4	835
Windswept Dairy				
#16	8-7	305	17,259	4 8	829
Winston & Rick Rumsey				
#99	8-0	305	21,336	3 9	827
Stella	4-8	299	21,076	3 8	804
Jolly	11 6	305	19,779	3 9	776
Amanda	2 5	305	22,802	3 4	764
Jotowell Farm				
Johan	4 3	305	23,273	3 5	824
Satin	3 0	305	20,852	3 9	812
Charles D Groover				
Royal	6 2	305	23,288	3 5	822
Larry & Mary Herman				
Sunshine	4-1	305	24,299	3 4	820
Oren E Fuller				
#42	4-0	305	19,894	4 1	820
Keith Parthemer				
#163	8-7	305	25,414	3 2	819
Gerald Parker				
Rocket	5 2	305	17,828	4 6	816
Ronald Pazzaglia				
Karen	5 3	305	20,184	4 0	811
Stephen E Bolt				
Mimi	4-5	305	22,167	3 6	809
Delilah	3 11	305	20,723	3 7	776
Clark Bowen & Son				
Molly	6 6	305	20,239	4 0	805
Myrtle	4 8	305	18,024	4 2	765
John P Busia				
Wynne	3 2	305	19,366	4 1	801
James Bradshaw				
#125	4 10	305	17,866	4 4	795
W K & D W Lawton				
#351	2 11	302	17,440	4 6	794
Neil & Karen Fisher				
Legs	7-8	305	20,472	3 9	791
Brenton Bailey				
Roxanne	5-9	303	20,605	3 8	786
Joseph R Sherman				
G16	7-7	305	20,360	3 9	784
Daniel Rieppel				
Alice	4-4	305	24,897	3 1	782
#13	5-7	305	21,274	3 6	770
Jay Foreman				
#65	9 8	305	17,898	4 3	778
#354	2 10	305	17,196	4 5	774
Carroll E Doan				
Janet	6-6	305	15,506	5 0	778
Paulete	6-11	296	14,945	5 2	773
Robbins Hill Farm				
Frosty	5-10	305	17,329	4 5	777
Barbie	7-2	305	22,159	3 5	768
Herbert & Stephen Borg				
Blackie	6 2	305	17,632	4 4	775
Donalds VanVliet				
Cina	4 4	305	20,918	3 6	748

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DISABLED & CRIPPLED COWS, BULLS & STEERS

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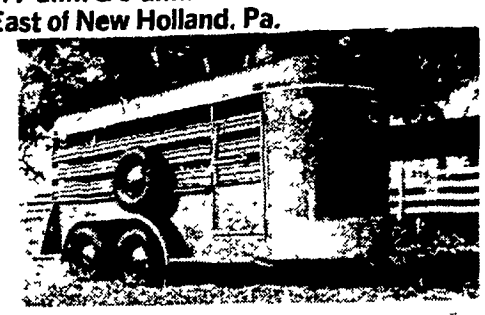

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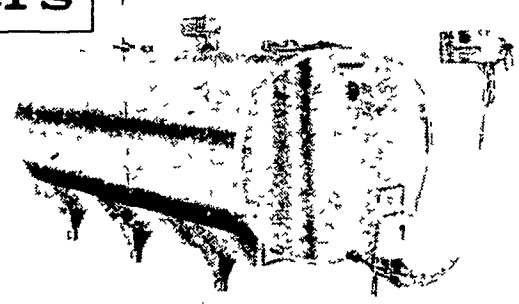

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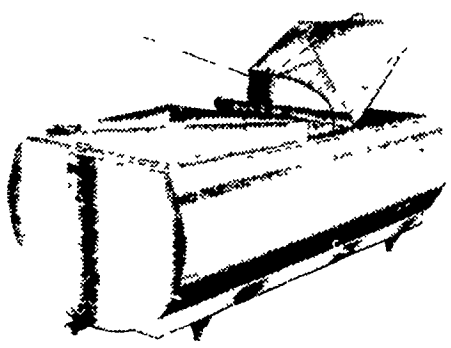

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USDA sets rules for importing mares from CEM-affected countries

WASHINGTON, D.C. — The U.S. Department of Agriculture will now allow breeding age mares to be imported from countries affected with contagious equine metritis, a venereal disease of horses, but only under strict testing and treatment procedures.

John K. Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service, said no breeding age mares have been permitted to be imported from these countries since the disease was discovered in 1977.

"The new import requirements include intensive testing and treatment procedures to assure that mares are free of the disease," Atwell said.

A key element is the surgical removal of the clitorial sinuses from the mares. Contagious equine metritis bacteria are most likely to remain in the clitoral sinuses after clinical signs of the disease have disappeared, he said. These tissues are also the most difficult to test and treat.

Under the new rules, government veterinarians in the country of origin must collect a test specimen immediately before surgery. Both the test specimens and the excised tissues will then be cultured for bacteria.

After surgery, the mare would have five days of intensive treatment. Then the mare must pass three negative tests for contagious equine metritis at intervals of at least seven days. The final tests must be taken no more than 30 days before she is exported to the United States.

If any of these tests showed infection, the mares could not be shipped, Atwell said.

At the port-of-entry quarantine in the United States the mares will be checked for dourine, glanders, equine piroplasmosis and equine infectious anemia. They will then be consigned for contagious equine metritis treatment and testing in a state that has agreed to accept mares from affected countries under state and federal laws to prevent the disease.

Post-entry treatment and testing include five days of treatment, followed by a series of three tests at intervals of not less than seven days. Mares passing all of these procedures with negative results will be released from quarantine.

Pregnant mares must remain in quarantine until they foal. Both mare and foal must pass negative tests for contagious equine metritis. All work in the country of origin must be supervised by the government's veterinarians, and diagnostic testing must be in laboratories approved by those governments.

Contagious equine metritis is a venereal disease of horses that directly infects only the mares. Stallions may be mechanical carriers of the bacteria; however, they may be rendered free of the disease by thorough scrubbing and treatment of their genitalia.

Countries listed by USDA as affected with the disease are Australia, Austria, Belgium, Denmark, Federal Republic of Germany, France, Ireland, Italy, Japan and the United Kingdom.

Text of the new regulation was published in the Oct. 16 Federal Register.

Hunters should make presence known

HARRISBURG — Hunters who make their presence known to other hunters just might be saving their own lives, Game Commission records indicate.

Last year there were 16 persons shot in mistake for game in Pennsylvania, one less than the preceding year. A number of precautions which could be taken by potential victims might help reduce their chances of being involved in a mishap.

Should a hunter know that another person is in the vicinity, the hunter hopefully will be a little more cautious, just a little more hesitant to shoot, probably a little more concerned that another hunter is not in the line of fire.

A hunter might make his or her presence known with a friendly, spoken greeting. Perhaps a discreet cough might do the trick. Or possibly a noisy exchange might be necessary.

This might deprive another hunter a shot at a piece of game, but it is much better for a hunter to be upset about missing a turkey, say, than to find a gunshot victim. In any event, there should be some communication.

A rustle in the leaves or brush cannot be recommended to let another hunter know about one's presence, since game can normally be expected to make a similar noise, too.

While the shooter always bears the burden of making absolutely sure of his or her target before firing, hunters who take some sensible precautions can avoid becoming likely targets for overly-anxious shooters.

PUBLIC SALE

OF ROOFING, HOME IMPROVEMENT EQUIPMENT, VEHICLES, AND REAL ESTATE

Located at 814-816 Virginia Avenue, Hagerstown, Maryland.

THURS. EVE., NOVEMBER 12

6:00 P.M.

Equipment & Inventory

Graco EH333 hydro spray airless paint sprayer w/hoses and gun; WE portable cellulose insulation machine w/blower, 100 ft. extension cord, 100 ft. automatic cut-off button, 100 ft. hose, like new; Craftsman 10 in. radial saw w/stand; portable alum. Trim A Brake 12 ft. 6 in. heavy construction w/stands and carrying handles; portable alum. Port O Brake 10 ft. 6 in. and stands; alum. portable saw table w/angle attachment; Port O Coiler coil holder and cutoff stand; Improved handy Asbestos shingle cutter; ladder jacks; pole jack stands; alum. slag pushers; alum. hot kettle mop handle; slag scraper; 2 mop carts w/wheels; mop buckets; roof pulley; picks; shovels; mops; skill saws; elec. hand sanders; drills; portable magnet; digging irons; sledge; rakes; etc. Craftsman 3.7/18" chain saw w/automatic sharpener; metal tool boxes; metal shelving; scaffolding used for storage racks.

Alum. 60 ft. extension ladder, new; Alum. 24x30 ft. walkers; 20, 24, 32, 36, 40 ft. wooden ladders; assorted step ladders, 4 to 8 ft.; rubber tire wheelbarrow; 5 lb. propane torch w/gauge, nozzle and striker; Igloo 10 gal. water cooler; large oil and grease clothing container; boat gas tank.

Assort. asphalt roof shingles, interlocking and seal down; cellulose and Batt insulation; 10 gal. driveway sealer; asst. new and used alum. and galv. spouting; white alum. soffitt solid, approx. 2 squares; lot of alum. and galv. drip edge and edging for slag stop in asst. sizes; J and starter chanel alum. and vinyl strip; approx. 300 ft. vinyl gutter; some new and used vinyl siding - 8 sq. of gray, other colors; 3 sq. mixed alum. siding; tar paper; drop clothes; asst. nails; caulking and paint.

Office Equipment

Wooden executive desk and chair, like new; knee hole desk and swivel chair; vinyl swivel rocker; love seat rocker; 2 metal 4 drawer file cabinets; Dyn radio-tape player and speakers; elec. calculator and adding machines; oil and gas fired upright forced hot air furnaces; Coldspot Super Mart side by side refrigerator-freezer; artifical Christmas tree, trimmings and elec. train.

1979 Chev. 1 ton truck w/10 ft. twin hoist Thiel dump body; P.S.; V8 350 engine, 4 speed; 2 new Michelin 950 x 16.5 10 ply radial tires; 15,000 miles.

1979 Chev. ½ ton pickup; V8 350 engine; automatic; air; P.S.; P.S.; metal rack for 8 ft. pickup.; metal tool box for wide pickup.

1975 Ford F100 Van w/10 ft. body; V8 - standard shift.

State gas fired trailer mounted hot kettle w/gauge, less than 2 years old; another trailer mounted hot kettle.

Will offer my personal auto...

1980 Lincoln Mark VI, 4 door, fully equipped, 34,00 miles.

TERMS: Cash or company check with bank letter.

Not Responsible for Accidents.

Items may be inspected after 8:00 A.M. day of sale.

Real Estate

Lot with approx. frontage of 100 ft. and depth of approx. 100 ft. on north side and 70 ft. on south side running easterly to an alley. Improved by 33 x 60 block garage w/4 big bays and office, adjoining 18 x 26 frame covered by vinyl siding w/large overhead door, all covered by hot built up roof; city water and sewage. Known as 814 and 816 Virginia Avenue, Hagerstown, Maryland and more particularly described in Liber 684 folio 306 and Liber 705 and folio 447; one of the Land Records of Washington County, Maryland.

Inspection by calling auctioneer - 582-0546

TERMS OF REAL ESTATE: $4,000 cash or certified check day of sale with balance due within 30 days. All taxes, water and sewage to be prorated as to final settlement. Purchaser to pay all transfer tax and documentary stamps. Possession upon final settlement.

RON SOCKS

T/A Socks Bros.

Home Improvement Co.

AUCTIONEER: Robert C. Mullendore

CLERK: C. L. Metz

Absolute Auction

Equipment, Machinery, Trucks, Fork Lift, Autos, Tools

Thursday, November 19 - 10 AM

For. Mrs. Chris D. Stoltzfus, Stoltzfus Private Airport, 1145 Lincoln Hwy., Coatesville, Chester Co., Pa From Rt. 30 By-pass take Chester City Airport exit, onto Bleeker Rd. ½ mi. to Linc. Hwy (old Rt. 30) Left to Auction Site.

Clark Y 20 Fork Lift, 2000 lb Cap, Pneu Tires TRUCKS '64 Dodge Power Wg w/snow blade, '62 Chev w/20' Flat Bed, '58 Chev Cab & Frame AUTOS '70 & 71 Ply Fury II Sedans, '57 Chev Front End, (2) '63 Slant 6 Ply Engines, 6 cyl eng 2 TRAILERS 1 & 2 Axle 8 HP RIDER MOWER & Bagger Portable Air Compressor Portable Work Portable Heliarc Welder & Suppliers Portable Steam Jenny, Sheet Metal Shear, Floor Drill Press Bench Saw, Jointer Steel Equip, incl Work Stands & Benches, H D Work Carts, 1000-3000 Gal Tanks, Storage Containers, Drums, Shelving & misc pcs 1000 lbs of Nuts & Bolts Good Tools FARM MACHINERY 2 Bott Plow, Disc, Cultipacker, Seeder, Cornplanter, Ensilage Cutter, Sickle Bar, 500 Bales Hay Used Lumber OFFICE EQUIP 3 Metal Desks & Chairs, 3 Fireproof File Cab, Plus many useful items of all types

TERMS: CASH. For Info/Complete Brochure Call.

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America's Foremost Absolute Auction Company

COLDSPRINGS FARM PRODUCTION SALE

Sale to be held at the Frederick Fairgrounds — Frederick, Maryland.

MONDAY, NOVEMBER 16

11:00 A.M.

80 REGISTERED HOLSTEINS 80

50 Head Selling Fresh or Close

25 are first-calf Heifers just fresh

5 Service Age Bulls

1 EX and 17 Very Good and Good Plus Cows Sell

MILK — MILK — MILK — MILK

4 sell with records from 23,000 to 25,770M

10 sell with records from 20,000 to 23,310M

12 sell with records from 18,000 to 20,000M

15 sell with records from 700F to 924F

The 25 first-calf heifers are from dams with records to 28,140M and 1135F. They are sired by Conductor, Wayne, Jet Stream, Jemini, Jerry, Marshfield Elevation Tony, Glendell and other popular A.I. sires.

Featuring

Bonnyside Glendell Lady — EX

Milking over 100 lbs. a day

3-10 365 22,310 799

5 Service Age Bulls Sell:

Marshfield Elevation Tony son from EX *Ivanhoe Star dtr. with 31,540M and 1039F.*

Glendell son from dam with 25,310M

S-W-D Valiant out of an EX Starlight dtr.

Kingpin from an EX Kinglea Total

Coldsprings Fonz from an EX dam

Catalogs Available

Tested for Interstate Shipment

Free lunch being provided starting at 11:00 A.M.

Auctioneer's Note — This sale offers as much milk as any sale we have had the privilege of selling. If you need milk to increase your base, we suggest you take advantage of this rare opportunity.

Owner

MARLIN HOFF

Coldsprings Farm

New Windsor, Md. 21776

Ph. 301-775-7670

Sale Manager

REMSBURG SALE SERVICE

P.O. Box 177

Jefferson, Md. 21755

Ph. 301-473-8214

PUBLIC AUCTION

TRUCKS, TRACTORS, TOOLS

SATURDAY, NOVEMBER 14

at 9:30 A.M.

The Estate of J. Frederick Tomlinson, Landscaping Contractor.

Sergeantsville-Rosemont Rd., Sergeantsville, NJ. From Flemington take Rt. 523 south to Sergeantsville, turn right at traffic light, follow auction arrow to sale site.

1975 Ford F-500 dump truck; 1972 Ford F-750 dump truck w/5 yard body; 1972 Ford F-350 stake body dump truck; 1971 Ford F-100 ½ ton pickup; 1975 General 9 ton tag-along trailer; 1969 Snoco snowmobile trailer; 1978 Case 380 LL tractor (diesel) w/hydraulic front end loader; 1966 MF 3165 (gas) backhoe loader; 1979 Gravely garden tractor w/36" rotary mower; Gravely garden tractor w/48" rotary mower; Gravely Hole-trench digger and snowblower; Howard rotovator w/Wisconsin engine; Bunton edger (like new); York rake w/grater blade and scarifier; Danuzer post hole digger w/10" and 30" augers; JD 2 bottom 14" 3 pt. plow; JD 7' 3 pt. disc; Brillion 5' and 8' seeders; Vicon 3 pt. fertilizer-lime spreader; Reinco straw blower w/Wisconsin Z4 engine; 3 rubber tire wheelbarrows; 2 wheel landscapers dolly; McCullough 16" and 20" chain saws; Skil sabre saw; Craftsman ½ HP bench grinder; Rockwell ½" electric drill; 5 ton hydraulic floor jack; heavy duty bench vise, Sears portable tank mounted air compressor; assorted shovels; rakes; picks; 2 manual post hole diggers; Craftsman 39 piece tap and dye set; sorted mechanics hand tools, 2 Cyclone lawn seeders; Backpack gas powered sprayer-mister; flower pots, portable platform scale; Sears 2 HP irrigation pump w/approx. 1200' of plastic pipe; plus numerous items not mentioned.

Terms: Cash or a good check.

Col. John P. Kachmar C.A.I. Auctioneer

Flemington, NJ

201-782-4271

Hunters should ask permission to hunt

HARRISBURG — The Pennsylvania Game Commission is making a special appeal to all hunters to ask for permission before going onto private land.

In recent years, increasing numbers of landowners have complained to the wildlife management agency that more and more hunters barge onto private property without first getting permission to do so. Part of the response has been the SPORT (Sportsmen Policing Our Ranks Together) program, which promotes ethical hunting conduct.

Complaining landowners, many of whom participate in the SPORT program, do not generally object to hunting or hunters, but they feel they are entitled to more courtesy and consideration than has been shown in the past.

The landowners are ready to grant permission to hunt if it is sought by responsible sportsmen. Those wearing SPORT buttons or similar identification are usually readily welcomed.

Farmers who are harvesting fall crops want to know where hunters are on their properties. Sportsmen must avoid unharvested fields, leave gates as they found them, be careful not to litter, avoid breaking down fences, stay away from buildings and livestock, park where vehicles won't interfere with farm equipment, share game with their hosts, and show all other common hunting courtesies.

Those who hunt without asking permission or otherwise irritate landowners risk the closure of private properties to all hunters.

No spotlighting with weapon in vehicles

HARRISBURG — Those accustomed to spotlighting game and furbearers from vehicles are reminded by the Game Commission that it now is unlawful to spotlight while in possession of a firearm, bow or other implement which could be used to kill wildlife.

Previously, it was not unlawful to spotlight with a firearm in the vehicle unless the light was cast upon a big game animal Recently, the Game Law was amended to prohibit spotlighting while in possession of a gun or bow and arrow. It no longer is necessary for the light to be shining on big game to be unlawful.

A $25 penalty is provided for spotlighting while in possession of a firearm or bow and arrow.

WHEN IT COMES TO.... FIRE ..... "DON'T PLAY AROUND!

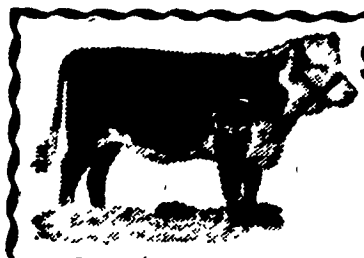
AUCTION SALE
COMPLETE LIQUIDATION
SATURDAY, NOVEMBER 21, 1981
10 A.M.

FOR: NAZZ MARIANI CO., on Rt. 1 in Media, Pa. Everything Sells to the Highest Bidder.

EXCAVATORS: Insley 2250B s/n H23600, Gradall 1000 s/n NP90488; MOTOR SCRAPERS: (2) Euclid TS14 s/n 53838 & 39; (2) A-C 260A w/n 6991a & 81; MOTOR GRADERS: (2) A-C 45 s/n 530 & 191; CRAWLER TRACTORS: (3) A-C HD21P s/n 14901, 14446, & 14607; A-C HD16DC s/n 4705, A-C HD 5B s/n 24803; LOADERS: Cat 922A s/n 59A1033, A-C TL-14D s/n 3183; LOADER BACKHOE & HYD. HAMMER: Ford 4500 s/n 381280, Allied 77; ROLLERS, PAVING BOX: Galion 8-10 ton, B-S 10-14 ton, Essick 5-8 ton, Ford Lane; LOWBOY, TK. TRACTOR, JEEP, MISC. TKS., TRAILERS: Smithco 35 ton, 62 Dia-T 931B, 70 Jeep CJ5, 46 GMC w/air Comp.; Quaker 6,500 gal., 51 IHC Fuel Tk., 51 Dodge Fuel Tk., 48 GMC Stake, (2) Storage Trls., Tool Trl.; SYMONS FORMS, LASERS, CONTR. TOOLS: (54) Symons Forms; Pumps, Hose, (3) Lasers, Compactors, Drilling & Tapping Machines, Welder, Steam Cleaners, Vise, Jack, Valves, Fittings, etc.

TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY. Write or call for descriptive brochure:

VILSMEIER AUCTION CO., INC.
Route 309, Montgomeryville, Pa. 18936
Telephone: (215) 699-5833



SHENANDOAH VALLEY LIVESTOCK SALES

SPECIAL STEER SALE
WEDNESDAY, NOVEMBER 11
TIME: 7:30 P.M.
Yearling Steer Sale
State Graded
All Cattle - Beef Breeds
Dehorned
Shenandoah Valley Livestock Sales, Inc.
1044 Edom Road
Harrisonburg, Virginia 22801
Phone (703) 434-4482

ANNUAL THANKSGIVING DAIRY SALE & LUNCHEON
FRIDAY, NOVEMBER 20, 1981
12:00 Noon
Selling at Art Kling's Sale Barn, located 2½ miles N.E. of Landisburg, Perry Co., Pa., 12 miles North of Carlisle on Pa. Rte. 74:

60 HOLSTEINS 60

All Just Fresh or Very Close! Approximately ½ are Registered; Balance Top Grade Cows and First-calf Heifers.

20 FIRST-CALF HEIFERS FROM CANADA; LOAD OF FANCY COWS FROM CORTLAND, N.Y. SEVERAL TOP PUREBRED COWS FROM NORTHERN PA. DISPERSALS.

"Cattle that will suit the most demanding dairyman!"

ALL CATTLE HAVE BAR 4 SHOTS FOR YOUR PROTECTION.-HEALTH CHARTS ON ALL ANIMALS.

"Free Lunch will be served at 11:00 A.M. - Bring the Family." Ham, turkey or candy will be given away with every Animal sold!

"This is the Last Sale for the Year - Don't Miss It!"

Financing Available - Contact Art Kling 10 days prior to sale!

ART KLING, Owner
Landisburg, PA.
717-789-3883
Mark Glick, Auctioneer
Fred Naugle, Pedigrees

Come And Spend The Day With Us At Our
FOURTH ANNUAL YEAR END PUBLIC AUCTION

SATURDAY
DECEMBER 5, 1981
9:00 AM

- HARDWARE
- POWER TOOLS
- WELDERS
- CHAIN SAWS
- LAWN MOWERS
- GARDEN TRACTORS
- SNOWMOBILES
- FARM EQUIPMENT
- AIR COMPRESSORS

AT

FARMERSVILLE EQUIPMENT INC.

RD 4, East Farmersville Road, Ephrata
PA 17522
Located in the Village of Farmersville,
Lancaster County
717-354-4271

Auction Conducted By:
John E. and Paul E. Martin, Auctioneers
717-733-3511 — 717-733-3305 Ephrata, Pa.
* Terms: Cash, Visa, Master Charge or Good Check

AUTOTORE'S AUCTION

SATURDAY, NOVEMBER 21
Starting at 11 A.M.
Location-Bloomsburg R.D. 5 off route 11 North of Bloomsburg. Turn at Deihl's Discount (Follow auction arrows), Centre Twp., Columbia County.

Residential-Commercial Agriculture Properties

45 acres of fine agriculture lying along I-80 having a lg. 40x200 steel building on cement slab, fully insulated & heated & cooled by two heat pump units. 2 well giving 100 gal. per minute. 200 Amp service & 3 phase wiring. Property suitable for multi purpose & potential development.

Property #2 is located off route 11 North of Bloomsburg, turn left at Lackawanna Ave. There is 31 acres of which 20 have been approved for 40 building lots. 11 acres have commercial frontage.

Also being sold is new household items.

Terms- Property Property-Cash. Real Estate-Property 1 - 45 acres - $10,000 down, balance in thirty days. Buyer pays all transfer taxes.

Real Estate #2 $5,000 down day of Auction balance in thirty days. Buyer pays all transfer taxes. Property #2 can be financed by seller by qualified buyer. Statements made day of auction regarding real estate take precedences over any previously written material.

Real Estate to be offered at 12:30 P M.

Seller- **EDWARD FOLK**
717-784-9435
Auctioneers:
John Autotore 784-3506
John Jr. 784-0381

For appointment to see Properties prior to auction call 717-784-9435

G J S COYNE INC.
129 MAIN ST BOX 417
GENESEO NEW YORK 14454

Avon Ford Tractor Inc.
Going-Out-Of-Business
AUCTION
WEDNESDAY, NOVEMBER 18
9:30 A.M.3

At place of business, 1525 West Henrietta Rd., Avon, NY (Route 15) just north of the intersection of Routes 5 & 20 on Route 15, Avon, NY (20 miles straight south of Rochester off Route 390 expressway).

Having decided to discontinue business after serving the community for several years, will sell complete inventory including· office equip., shop equip., repair tools, some parts stock, new chain saws, new mopeds, log splitters, lubricants, supplies, all used equipment, garden tractor, rolling equipment,. Ford Lousville 800 (new 1977) with Schwartz 22 roll back bed (excellent condition). Ford Motor credit financing available on major purchases thru dealer by making application prior to Nov. 17th. Open for inspection on Nov. 17th from 1-4 P.M.

G.J.S. COYNE, INC.
Geneseo, NY
716-243-3380

Terms: Cash or good check day of sale, nothing removed till settled for.

PUBLIC SALE

OF 46 ACRE FARM

Lancaster County, Pa. (Brownstown)
West Earl Township.

WED., NOV. 25, 1981

SALE TIME 2 P.M.

Located along E. Main St., Brownstown, Pa.

46 ACRES (More or Less)

Limestone Soil. Borders Conestoga Creek.

2½ STORY FRAME DWELLING

Zoned Residential. 3 bedrooms & full bath on second floor. Large living room, large eat-in kitchen, dining room, family room, summer kitchen with fireplace.

Oil fired hot air heat. 1000 gal. buried tank. Never failing well or boro water. New drainfield.

BANK BARN — 60' x 100'
Steers or Pigs
3 STORY CHICKEN HOUSE 30' x 60'
20' x 32' 2-CAR GARAGE & WORK SHOP

This farm is idealy located in heart of Lancaster farm country. Situated next to village of Brownstown.

50' frontage on North Church St. and many feet frontage along E. Main St.

Easy access to Metropolitan areas, ¼'' mile from Rt. 222 & Rt. 772 (Brownstown) interchange.

Open House — Sat., Nov. 14 & Sat., Nov. 21 from 12 noon to 4 p.m. or for information or inspection 665-6040.

Terms By:
ELLA BUCH WEIDLER ESTATE
Allen W. Buch,
Miriam V. Good,
Executors

T. Glenn Horst, Auct.
Timothy G. Horst, Auct.
859-1331
Eaby & Eaby, Atty.

PUBLIC SALE

OF REAL ESTATE

(2½ Story Brick House & Lot On Corner Property)

FINE ANTIQUES - HOUSEHOLD GOODS & TOOLS

WEDNESDAY, NOVEMBER 25, 1981

At 10:00

Located at 501 & 503 E. Chestnut St., Lancaster, Pa. Corner of E. Chestnut & N. Ann St.

Real Estate: 2½ story brick house w/6 rms. & Full bath. Attached 1 story brick bldg. w/2 rms. & powder rm. 16' x 50' 1½ story brick bldg. Lg. vacant lot on east side of house. Lot size: 70' frontage by 90' depth more or less to 10' common alley in rear. Property will be open for inspection Sat's., Nov. 14 & 21 from 10:00 until 12:00 noon. Real Estate to be sold at 2:00.

Norge 2 door refrig. frost free; Quasar colored port. TV; Fedders 10,000 BTU window air cond.; elec. wall clock; furniture in walnut Vict., pine, cherry, oak Empire, curley maple, maple, mahg. etc. Walnut oval, deep walnut & other picture frames; brass & iron floor lights; Rohrer's liquor yardstick; crockery; 1,000 lb. iron safe (T. Stiffed & Co., Lanc.); articles in brass, tin, wood & iron. Tree of Life china dinner set (8); glassware & china in German, pressed, copper lustre; cut, Heisey, vaseline, Nippon, Noritake, ironstone, Chinese, flint, mach. etched, sandwich etc. H.E. Shunent doll; Hummel Heavenly Angel. Kitchen articles; bedding & linens; costume jewelry; wheel barrows; grind stone; step ladders; hand, stop & garden tools; misc. hardware & other articles not listed. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by
HELEN H. WERTZ ESTATE

Carl A. Wiker Atty.
Howard Shaub Auctioneer 464-3541
and Roy C. Probst

Sale Reports

A public auction of outstanding antiques was held October 31 by Grace S. Bresser, located 2 miles west of Clayton, Del. on Route 6.

Some of the featured items were: Maryland corner cupboard $1450, hanging light fixture $310, 4 rush seat chairs $420, black Windsor chair $200, Chippendale commode chair $200, wrought iron candle stand $270, oriental rug $650, Queen Anne drop leaf table $475, hanging corner cupboard $220, 4-poster bed $750, fire screen $500, slat back chair $325, rush-seated arm chair $350, kitchen cupboard $260, earthenware bowl $230, doll & cradle $150, Canton covered dish $150, Canton ginger jar $150, bed warmer $160, mantel clock $170 and tobacco box $200.

Harry Rudnick & Sons, Inc., Sales Mgrs. & Aucts.

xxx

A public auction of carpentry tools was held October 31 at the Pequea Woodworking Shop, 6 miles east of Lancaster on Bachmantown Rd., by Jacob Z. Stoltzfus.

Some prices received were: table saw $725, radial arm saw $675, Dewalt 10'' power miter box saw $370, shaper $610, Trumatic table saw-complete $1300, carbine blades $20 each, and complete set of carbine cutters $400.

Auctioneers were Steve Petersheim and Everett Kreider.

xxx

A public sale of real estate was held October 30 by Marvin Brubaker at Route 322 and Route 222 interchange east of Ephrata.

The 12 acres of zoned highway, commercial in Ephrata Township was sold for $46,400.

T. Glenn Horst & Timothy G. Horst were the auctioneers.

xxx

A public sale of antiques and household goods was held October 31 by the Sechrist Auction Service at the Shrewsbury Fire Co. Hall in Shrewsbury Boro, York County. There was a large crowd attending the sale.

Some prices included: 8 ft high hand carved walnut bed $1,450, marble top dresser $500, pump organ (rough) $150, string of sleigh bells $150, 2 sets of Noritake china $205 & $175, round oak table $350, oak buffet $225, Duncan Phyfe drop leaf table $200, walnut bedroom suite $275, and quilts $50 to $125 each.

Bob & Tom Sechrist were the auctioneers.

PUBLIC SALE

FARM EQUIP. - LUMBER - MISC. ITEMS

THURSDAY, NOVEMBER 19

10:00 A.M.

LOCATED: South of York, New Salem, York Co. - Beyond Rutters Farm Store, turn left on Tunnel Hill Rd., Follow Tunnel Hill Rd. & (sale signs), 1 mile to lane on right.

FARM MACHINERY

John Deere 1530 tractor w/1000 hrs., like new, Int. 28 Blade pull type Disk, 3 pt. 2 row Culti., John Deere #44 trailer plow, McCormick Deering Hay Rake on rubber, Oliver Superior Grain drill 16 disk, Spring Harrow 10 ft., Land Roller, Walking Culti., 2 wheel Trailer, Stewart electric clippers, Hand sprayer, fence post (metal & wooden), baskets (bushel & ½ bushel), bag truck, 10x20 Dual wheel chains, wheat cradle, Block & Fall, 2 ton chain hoist, Int. 2 row pull type Corn Planter, baling wire, 575 gal. gas tank, 225 gal. fuel tank, snow fence, tools, log chains, oil cans, Culti. shovels, 5 gal. can, drums, pipe fittings, pipe, butcher bench, Iron kettle, saw frame, Wood Bros. 1 row Picker, new Poplar wood & new Walnut wood, cut nails, telephone poles, used lumber of all sizes 2x8 - 2x6 - 3x6 - 2x4 - 3x4 planking, molding, window sash, doors, screen, barn lath, Plywood, hard board, flower pots, butcher pans, garbage cans, burlap bags, rope, drop leaf table, fiber drums, crocks, trivets, cable & many items of interest not mentioned.

TERMS: CASH OR GOOD CHECK.

PAUL LAUER
854-6884

AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa.
764-6412

THIS WILL APPEAR 1 TIME ONLY
CLIP & SAVE

ESTATE AUCTION

DEEP CREEK VALLEY FARMS

THURSDAY, NOVEMBER 12, 1981

At 1:00 P.M.

In the village of WEISHAMPLE, Barry Township, Schuylkill County, Pa.; 4 miles N.E. of Hegins, take Rt. 125 North to Deep Creek Road, turn East to Weishample or 7 miles West off I-81, Exit 35, take Rt. 901 North to Deep Creek Road and turn West to Weishample (watch for auction signs the day of sale).

288 ACRES

(to be offered in three parcels)

Parcel No. 1, South of Weishample Store. Approximately 68 ACRES with a 2½ Story FRAME DWELLING and Bank-type Barn, about 60 Acres Tillable Land with Frontage on South side of Deep Creek Road and on Paved State and Township Roads.

Parcel No. 2, about 1 mile South of Barry Elementary School. Approximately 145 ACRES with 2 Frame DWELLINGS and Barn (buildings need repair), about 90 Acres Tillable, balance Wooded and Pasture Area. This Parcel has Frontage on Paved State and Township Roads.

Parcel No. 3, West of the Weishample Church of God. Approximately 75 ACRES with about 12 Acres Tillable, balance Wooded. Frontage on North side of Deep Creek Road. Nice Stand of Young Timber.

If you are in the market for choice land in high state of cultivation, you will want to arrange your financing now so that you will be prepared to bid and buy at the auction.

FOR INSPECTION CALL: (717) 425-3313

TERMS: 10% down the day of sale, further terms and conditions to be announced when real estate is offered at 1:00 P.M.

NOTE: Exact Acreage and Survey Maps will be available on the day of sale. Auction will be conducted on the premises of Parcel No. 1.

ESTATE OF SARAH E. KAHRES
Helen L. Lautsch, and
Gertrude Gahres, Executrices
John T. Pfeiffer, III, Esq.
Pfeiffer, Brown & Baldwin, Attorneys

DEIBERT
George & Mike
Auctioneers & Realtor
(717) 425-3313

PUBLIC AUCTION

TRACTORS - FARM EQUIPMENT

SATURDAY, NOVEMBER 21, 1981

At 11:30 A.M.

Located from Cross Keys, along Route 30, take Route 94 South 2 tenth mile, first farm on right. Due to having sold their farm, the undersigned owners, will offer the following.

Massey Ferguson 1080 Diesel tractor WFE with 18.4-34 rear tires, 3 pt., Independent PTO and power space wheels; Massey Ferguson 180 diesel tractor w/multi-power, cab, 3 pt. live PTO, power space wheels; M.F. 2135 Industrial gas tractor with Schwartz Model 300 loader; M.F. model 300 combine w/2 row corn head and 10 ft. grain head; M.F. Model 33-15X7 grain drill (like new); M.F. 9 ft. model 129 chisel plow w/extra sections to make 13 ft. wide; M.F. model 246 heavy duty loader for 80 HP plus tractor; N.H. model 519 PTO spreader (like new); N.H. super 23 silage blower w/30 ft. pipe; N.H. 717 single row harvestor; M.F. model 81 9 ft. haybine; Allis Chalmers model 444 baler; M.F. model 82 3 pt. 4x16 plow; New Idea 3 pt. PTO hay rake; J.D. 494A corn planter with disc fert. openers; Papec Model 880 PTO grinder-mixer; Case 40 transport disk; Oliver 16 ft. fold wing harrow; Brillion 11 ft. cultipacker; Century 200 gal. fiber glass trail sprayer; Brady 6.5 ft. PTO flail chopper; 2-model 300 Kilbros bin wagons; Grove chuck wagon; Grove 16 ft. bale wagon; 14 ft. flatbed wagon; Huskee model T-6 running gear; 24 ft. Smoker elevator w/1 HP electric motor and corn chute; 3 pt. subsoiler; 48 ft. 6 inch PTO grain auger; Woods C-80 3 pt. rotary mower; Ford F-600 grain truck w/14 ft. bed and hoist; 2-4 ton Smidley cattle feeders; 2 ton liquid supplement lick tank; 2-10 hole round hog feeders w/cast iron bottoms; several 2-4-6 hole hog feeders; galv. water trough; approx. 50-4 inch creosote fence posts; barbed wire; rubber tire feed cart; rubber tire wheelbarrow; 16 ft. pipe fence panels; 2 metal stock gates; small air compressor; home made hydraulic dump trailer; 265 gal. fuel tank w/hand pump.

Auctioneer note: Please be prompt due to no small items in sale.

Terms. Cash or approved check.

E. RAY & LINDA L. CORNETT
R.D. 3 Box 365
New Oxford, Pa. 17350
717-624-2189
Dennis J. Plunkert, Auct.
R.D. 2 Littlestown, Pa. 17340

PUBLIC AUCTION

VALUABLE REAL ESTATE

The undersigned will offer at public auction the following described real estate on site formerly known as W. D. WENTZEL MACHINE CO., 211 East York Street, Biglerville, Pa. on

TUESDAY, NOVEMBER 24

2:00 P.M.

All that tract of land lying and being in the Borough of Biglerville, Pa. consisting of a lot 175' X 160' X 175' X 152' and having approximately 65' frontage on York Street.

Tract is improved with the following:

A 132' X 41' frame building with aluminum siding and shingle roof containing a 70' show room with air conditioned office area and building has natural gas heat and large sliding doors.

A 76' X 45' cement block building with aluminum roof, cement floor, 12 high X 16 wide overhead door, a 8' X 10' overhead door and rest room facilities.

A 135' X 36' frame building with metal roof and large sliding doors. Tract has all city utilities and is close to all town facilities.

AUCTIONEER'S NOTE: This tract of land and buildings offer many possibilities and the 3 buildings total approximately 13,600 square feet and can be adapted to many uses - machinery, lawn & garden, recreational vehicle sales & service, large or small storage units, machine shops, etc. Plan to attend sale.

INSPECTION OF REAL ESTATE - Appointment only by contacting undersigned owner or auctioneer.

TERMS - 10% DOWN ON DAY OF SALE - BALANCE IN 30 DAYS - OTHER TERMS AT THE TIME OF SALE.

OWNER,
WILLIAM D. WENTZEL
717-677-7231
C. David Redding, Auctioneer
Rt. 6 - Gettysburg, Pa.
Ph: 717-334-6941
Campbell & White, Attorneys
122 Baltimore Street
Gettysburg, Pa.

GIGANTIC SELECTION
In
Lancaster
Farming's
CLASSIFIEDS

Turkey hunters must be careful

HARRISBURG — Safety specialists for the Pennsylvania Game Commission have issued a special appeal to hunters to take extra precautions during the fall turkey seasons.

Turkey hunting accidents are of concern to Hunter Education Coordinator James Filkosky, who says, "75 percent of all persons shot in mistake for game in Pennsylvania last year were thought to be turkeys.'

"Some of the victims were concealed in heavy cover, wore camouflage material and were attempting to call in birds," noted Filkosky. "This method is turkey hunting at its finest, but unfortunately some hunters apparently are shooting at what they believe are sounds and movements."

Pennsylvania's army of turkey hunters is growing rapidly, and it's incumbent upon every hunter to be absolutely sure of his or her target before firing. If the hunter positively identifies a turkey, there is no chance that a human will be shot in mistake.

Fed. Grain Advisory to meet Nov. 13

WASHINGTON, D.C. — The first meeting of the recently formed U.S. Grain Standards Act Advisory committee will be held in Washington D.C. Nov. 13.

The meeting, which is open to the public, will start at 9:30 a.m in room 5066 of USDA's South Building, 14th and Independence Ave. S.W., and is scheduled to end by 4 p.m.

Although the meeting is open to the public, participation by persons other then committee members will be limited to written statements submitted before or during the meeting to public participation as time permits.

C.W. McMillan, assistant secretary of agriculture for marketing and inspection services, said the purpose of the committee is to advise the U.S. Department of Agriculture's Federal Grain Inspection Service on the efficient and economical implementation of the U.S. Grain Standards Act.

McMillan will serve as committee chairman and Kenneth A. Gilles, administrator of the Federal Grain Inspection Service, will serve as vice chairman.

Notice of the meeting was published in the Oct. 26 Federal Register.

Public Sales Register

Closing Date - Monday, 5:00 P M of each week's publication

NOVEMBER

SAT NOV 7 - 7 P M Public Sale of Cattle Located at County Fairgrounds Sales Barn, Frederick, MD Eastern Limousin Breeders Association Sale

SAT NOV 7 - 8 30 A M Public Sale of Household Antiques, Jewelry, Household Goods, Tools, and Bank Stock Located at the site along Rt 234 midway between York and East Berlin, close to Bieseckers Mill, In Jackson Twp, York County, PA Barbara B Sheaffer Estate Clair R Slaybaugh, Auctioneer

SAT NOV 7 - 12 30 P M Public Sale of Real Estate, Antiques, Collectibles and Household Items Located Approx 40 mi North of Harrisburg, Pa, 1 mi north of the Borough of Berrysburg, along Rt 225 Donald L Kocher and Dorothy Snyder, Owners Dockey and Dockey Auctioneers

SAT NOV 7 10 A M Public Sale of Farm Machinery, Grain and Heifers Located on the premises at Rt 1 Fredericksburg, Bethel Twp, Lebanon Co, PA Turn south off Rt 22 at Esther's Diner onto Blue Mountain Rd and continue past intersection to first lane to right Harold and Pearl Sweinhart Harry H Bachman, Auctioneer

SAT NOV 7 - 9 30 A M Public Sale of Farm Machinery, Household Goods and Antiques Located 2 miles east of Cochranville, PA Estate of John Topper Steve Petersheim, Auctioneer.

SAT NOV 7 Public Sale of Farm and Weekend Retreat Located 6 mi SW of Mifflentown, 56 mi W of Harrisburg Long Bros, Auctioneers 717-527-4784

SAT NOV 7 - 1 P M Public Sale of 95 acre farm at intersection of Rt 15 and 54, west 1 mile on right (Lycoming County) Terms by Joseph L Beiler Ken Welsh, Auctioneer

SAT NOV 7 - 9 A.M Public Sale of Antiques, Collectibles, Tools and Other Personal Property. Located at 526 Chestnut St, Hegins, Schuylkill Co, PA, 6 mi west of I-81, Exit 34 Estate of Guy A Geist George and Mike Deibert, Auctioneers

PUBLIC SALE

WEDNESDAY, NOV. 25, 1981
at 1:00 p.m.
REAL ESTATE
8 Acre Chicken & Produce Farm

Located in Leacock Township, Lancaster County, PA — 1 mile west of Intercourse, 2½ miles east of Bird-in-Hand on Old Leacock Road, ¼ mile south of Route 340 - Watch for signs.

REAL ESTATE consists of a 2½ story frame stucco house with 4 bedrooms and bath, bank barn renovated for hogs (100 head capacity), high rise chicken house (10,000 bird capacity), diesel air compressor, lights and all accessories go with real estate, house trailer, carriage shed. Barn scaffolded for tobacco situated on 8 acres of ground of which 4 acres are tillable with balance in pasture. Improvements well maintained.

TERMS OF SALE: 10% down day of sale, final settlement 90 days or negotiable.

Terms by:
AMOS E. & ANNA S. FISHER
Auctioneers:
Steve Petersheim
Call collect - 717-786-4624
Everett Kreider

FARM EQUIPMENT AUCTION

Due to Change in Ownership We Have Been Commissioned to Sell On:
SATURDAY, NOVEMBER 14
10 A.M.

At Abington Farm Equipment (Formerly Goodwin Equipment), Route 6, Wyalusing, Pennsylvania.

Farm Tractors: Farmall 560 D WFE completely overhauled, JD A w/tools, Farmall A w/tools, Ford 9N, w-30 & others.

Farm Equipment: Plows: IH 540 4x16, JD 145 4x16, Oliver 560 4x16, Oliver 3 btm. Balers: IH 37 w/thrower, MF 10. Spreaders: IH 30 like new, NH 518. Loaders. IH 1550, New Kwik Way 284 + new loader buckets etc. Choppers: IH 350 w/2 heads, IH flail. Blowers: NH 26 & NH table, Windrow turners, Woods hydra-boost, IH combine #42 w/cont. motor, cultivators, buzz saw 3 pt. blade. Welders: 5 amp w/IH power unit, 300 amp w/Wisconsin air compressor, wagon hoist, hand winch.

Lawn & Garden: Cadet 106 w/mower, Roper mower, used mower decks, rebuilt 10-12-14 HP motors, cultivators & other parts.

Parts. Weights & brackets, suitcase segment etc. Parts for C's, H's, & M's, 460's & 560's. Such as pulleys, hydraulics, pedestals, hitches, fenders, also heat housers, rear wheels, axles. An accumulation of many years of IH equipment parts new and used, Fox parts, Gehl parts, Farmall 826 block & crank.

Tires: Assorted new and used and rims.

Store Inventory: 5 different models Fisher stoves, Fuego fireplace inserts, fireplace tools & equipment. Goodwin heat safe circulators.

Office Equipment: Desks, swivel chairs, file cabinets, Sperry Rem model SR 101 typewriter, calculators, adders, Abico copier, 3M copier, oil fired furnace & duct work.

Auctioneers' Note- Abington Equipment has purchased the business from the Goodwin Brothers and will continue to serve the community as in the past.

Terms: Cash or Good check.

Abington Equipment
JAMES O'DONNELL,
Owner
Howard W. Visscher Sales Manager & Auctioneer
RD 1 Box 507
Nichols, NY 13812
607-699-7250

ABSOLUTE AUCTION

ESTATE LIQUIDATION
SATURDAY, NOVEMBER 14, 1981
At 9:30 A.M.

Located along Old Gettysburg Pike adjacent to U-Haul just off Route 15 at Rossmoyne Exit.

ANTIQUE & CLASSIC CAR COLLECTION

1928 Chev Coupe (partial restored), 1941 Buick Special Coupe, 1941 Chevrolet Sedan, 1952 Plymouth Fastback, 1953 Chevrolet 2 dr., 1954 Chevrolet 2 dr., 1954 Chevrolet P/Up Truck, 1960 Oldsmobile Coupe, 1960 Chevrolet Coupe (no engine), 1963 Corvair Truck, 1962 Chevrolet 15 Passenger Limosine, 1966 Chevy Nova, 1970 International Scout 4 Wheel drive w/New Snow Plow, 1972 Ford Ranchero Garage Kept 700 Original Miles, 1964 Buick LeSabre, 19 Corvairs 1961 & 1963 Models - to be sold AS IS in Restorable Condition, 1927 One-Ton Model T Truck Axle, Pontiac 1927 Wooden Wheels, Electric Golf Cart, 1927 Chev. Engine, 1955 Plymouth Parts Car, Misc. Auto Parts & Accessories.

TOOLS - AUTOMOTIVE PARTS - EQUIPMENT

Schramm 15 hp Air Compressor, Emglo 5 hp Air Compressor, Pangborne Sandblasting Booth, 5 hp Dust Collection System, DeWalt 740 10 inch Radial Arm Saw, Rockwell Band Saw, DeWalt 10 inch Power Miter Box, Atlas 6050 Planter, Craftsman Belt Sander, Craftsman ¾ hp Router, 10 Gal. Shop Vac, AC Tune-Up Machine, Coats 20/20 Tire changer, Bishman Tire Machine, Alemite Overhead Lube System Reels (14), Weidenhoff Generator/Regulator Machine, Walker Floor Jack, Alemite Spin Balancer, Armeture Lathe, Pangborne Sandblaster & Exhaust, Hunter Spin Balancer, Hooter Waste Oil Heaters, C-Clamps, Pipe Clamps, Carpenter Jigs, Nuts, Bolts, Lumber, Paint, Electric Motors, Metal Carts, Bumpers, Door Panels, Trailer Axle, Jeep Roll Bars, Tire Rack, Engine Block heater Cable, Drawbars, Iron Pipe, Metal Shelving, Exhaust Pipe, Car Top Carrier, 2 New Never Used Meyers 6½ ft. Power Angle Snow Plows w/Lights, 10 ft. Overhead Doors, Wheels & Tires, Tempered Glass, Large OK Used Car Sign, 55 Gal. Drums, 4 Rolls Babed Wire, Roll Stock Fence, Locust Posts, Pallets, Sand in 100 lb. Bags, 14 Inch Mag Wheels, 2 New Micro Bubble Balancers, Portable Electric Welder, Battery Charger, New & Used Pick-Up Truck Boxes & Hundreds Other Items!

HORSE DRAWN EQUIPMENT & IMPLEMENTS

One Horse Sleigh, One Horse Buggy, IH 2 Bottom Trail Plow, 8' Disc, 7 ft. Sickle Bar Mower, Cultivators for Oliver Tractor, Singletrees, Doubletrees, Wooden Wheels, and Related Items!

HOUSEHOLD ITEMS - ANTIQUES - COLLECTIBLES

Kitchenaid Portable Dishwasher, GE Refrigerator, Triple Dresser, Vanity, Lawnmower, Portable TV, File Cabinets, Workbenches, Hanging Display Case, Old Cash Register, Office Desks, Dry Sink, Air Conditioners, Old Trunks, Corner Cupboard Base, Fireplace Mantels, Clothestrees, Chairs, 4 Old barber Chairs, Cast Iron Kettle, Rockers, Kitchen Cupboard, Cane Chairs, Hewn Beams, Wooden Barrels, Pots, Pans, Lamps, Dishes & Hundreds Other Items!

NOTE: Sale Order - 9:30 A.M. Household items, antiques, collectibles, followed by horse drawn items. Cars at 1:00 P.M. followed by tools and equipment.

ESTATE OF ROBERT E. BOSHART
Property of:
Steward M. Sunderland
Klare Sunderland, Executrix and Power of Attorney
Kerry A. Pae, C.A.I. Auctioneer
Stoney Creek Auction Co.
86 Stoney Creek Drive
Dauphin, Pa. 17018
717-921-2100

AWFUL AUGIE'S CLUB CALF SALE

SAT., NOVEMBER 14
2 P.M.
Fairgrounds, Frederick, MD
301-489-4519
44 Angus, 2 Shorthorns, 4 Crossbred

Grand Champion steer at the 1981 Virginia State Fair, Champion and Reserve Champion Angus at the 1981 Wills Fair, Reserve Champion Angus at the 1981 Carroll County Fair were all purchased in our 1980 sale. Selling full brothers to the Champion and Reserve Champion Angus at the 1981 Maryland State Fair bred by Stonylonesome Farm. Also selling 10 steers from Rishels Edlyn Farm. They bred the Champion and Reserve Champion Angus and a Reserve Grand Champion steer at the 1981 York Co. Fair.

PUBLIC SALE

OF SHRUBBERY, TREES, FERNS
SATURDAY, NOVEMBER 14, 1981
10:00 A.M.

Located along Union Grove Rd., one mile east of Terre Hill, just off Rt. 625, East Earl Twp., Lancaster Co., PA.

APP. 100 BEAUTIFUL HANGING BASKET FERNS (Boston, Whitmani) Miscellaneous House Plants.

SHRUBBERY

335 Pyramidal Arborvitae 18"-42"; 25 - Berkmans Arborvitae 18"-24"; 15 - Globe Arborvitae 10"-15"; 75 - Densiformis Spreading Yew 12"-18"; 25- Browns Spreading Yew 18"-24"; 25 - Hicks Upright Yew; 24"-30"; 50 Hatfield Upright Yew 18"-24"; 12 - Japanese Holly 15"; 30 - Hetzi Spreading Juniper 24"-30"; 20 - Parsons Juniper (low) 8"-10"; 75 Blue Rug Juniper 8"-10"; 30 - Andorra Juniper 18"-24"; 30 - Rhododendron (Lav.-Pink) 15"-24"; 20 - Azalea Hino Crimson; 10 Azalea Del. Valley White; 10 - Azelea Happy (Pink); 15 - Forsythia 3'-4'; 5-Leather-Leaf Viburnum 18"-24"; 10 - Spires Van Houtti 18"-24"; 20 - Dwf. Burning Bush 12"-15".

TREES

10 - Chinese Dogwood (White) 3'-5'; 5 - Pink Dogwood 4'-5'; 10 - Crimson Cloud Hawthorn 7'-8'; 10 - Kwanzan Flwg. Cherry 4'-5'; 10 - Japanese Red Maple 18"-24", 15 - American Red Maple 7'-8'; 20 - Sugar Maple 6'-8'; 10 - Mt. Ash 8'-10'; 5 - Little Leaf Linden 7'; 10 White Birch (single) 8'-12'; 10 - White Birch (Clump) 6'-8'; 100 - White pine 18"-36"; 15 - Japanese Black Pine 24"-36"; 40 - Blue Spruce 30"-36"; 40 Norway Spruce 30"-36"; 5 - White Spruce 30"-36"; 30 - Douglas Fir 30"-36"; 15 - Red Oak 8'-12'; 10 - White Oak 6'-8'; 6 - Pin Oak 6'-10'.

All the above items are potted and bagged ready to plant. All figures are estimated.

50,000 BTU SEARS SPACE HEATER

NOTE: Fall is an excellent time to plant hardy trees, shrubs and evergreens and much more so with the recent rainfall we've had. Fall plantings require less watering and will establish better for next summer.

Sale by
SPRING GROVE NURSERY
215-445-4186

Aucts.
Nevin Z. Martin, Lewis B. Groff
Clerks: Martin's
Not Responsible for Accidents
Lunch Served

Public Sales Register

Closing Date - Monday, 5:00 P M. of each week's publication

SAT. NOV 7 - 9 30 A.M Public Sale of Farm Machinery, Hay, Straw, Grain Truck, Grain Augers, Household Goods and Antiques Located in Chester County, PA - 2 mi east of Cochranville, 6 mi west of Coatesville on Gum Tree Rd From Rt 41 go north on Rt. 10 to Gum Tree Rd. (1st right) and follow to sale From Rt 82 go west on Gum Tree Rd to sale Terms by Kathryn Topper Steve Petersheim and Everett Kreider, Auctioneers

SAT NOV 7 - 9 A.M Public Sale of Farm Equipment, Guns, Tools, Books, Antiques and Household Goods Located along Hill Rd. (at Zinn's Diner - just off Rt 272), East Cocalico Twp, Lanc Co, PA Daniel S and Lydia W Martin T Glenn and Timothy G Horst, Auctioneers

SAT NOV 7 - 10 A M Public Sale of Farm Machinery Located in Greenbrier, 7 mi east from Rt 225 at Red Cross via Rebuck 50 mi. north from Harrisburg, 20 mi south from Sunbury Leah Brosius, Owner Mark D Seiler, Auctioneer

SAT NOV 7 - 1 P M Public Sale of Cattle Located at Par Ric Farm, RD 1, Conneautville, PA, Crawford Co, ½ mi northwest of the Pontiac Garage, Conneautville, PA 10 mi east of Pierpont, OH Earl Nichols and Family, Owners

SAT NOV 7 9 A M Public Sale of Valuable Household Goods, Antiques, Woodwork Equipment and Car Located between Leola and Bareville turn off Rt 23 on Graybill Rd to Benner St to 40 Melvin Dr, Lanc, Co, PA Terms by Samuel G Maxwell Robert E Martin and Son, Auctioneers

SAT NOV 7 - 10 A M Public Sale of Furniture, Clocks, China, Glassware, Collectibles, Household and Kitchen Items, Mower and Misc Items Located halfway between Bloomsburg and Berwick, turn at Diehl's Discount Store on Rt 11, Exit 35 south I 80 Mrs Gladys E Watts, Seller Hock's Auction Service

SAT NOV 7 - 9 30 A M Public Sale of Real Estate and Personal Property Located at Hog Hollow 1 mi off Cross road leading from Rt 35 at Cross Keys, Juniata Co to Rt 75 at Perulack Cora Burdge Speer, Harry and Speer, Auctioneers

SAT NOV 7 9 A M Public Sale of Garage Equipment Located at Tylersport General Automotive Service, Rt 563 and Allentown Rd., Tylersport, PA, Montg Co Rod Geyer, Auct

FRI NOV 7 - 11 A M Public Sale of Cattle Located west of Lancaster on Dairy Rd Take Rt 283 west of Lanc, exit just beyond ABC Stud Barns at Flory Mill Rd, turn left after exiting, go to mill, then sharp right under railroad bridge Barn is within sight of Rt 283 Mel Kolb Robert Mullendore, Auctioneer

SAT NOV 7 - 10 A M Public Sale of Farm Equipment Located north of Kempton Berks Co, PA, turn off Rt 143 onto Hawk Mt Road towards Hawk Mt Ordered by Clifford Kindred Ralph W Zettlemoyer Auction Co., Inc

SAT NOV 7 11 A M Public Sale of Antiques Located at Rudnick's Sale Barn, Rt 213, Galena, MD Consigned by Mr & Mrs R G Walsh Joe Rudnick, Auctioneer

SAT NOV 7 10 A.M Public Sale of Misc Items Located at Gap Fire Hall, Pequea Ave, Gap, PA Sale by Lancaster Area Kidney Association

SAT NOV 7 1 P M Public Sale of Feeder, Calves Angelica Feeder Sales Inc Barn 1981 New York Beef Cattleman's Association 716 237-3365

SAT NOV 7 9 30 A M Public Sale of Tractors, Implements, Antiques and Household Goods Located on premesis in North Annville Twp, Lebanon Co From Lebanon take Rt 72 north to Heilmandale Rd, to Boltz Lane, 2nd farm From Annville turn north at the traffic light to Thompson Ave above cemeteries to Heilmandale Rd, to Boltz Lane, 2nd farm Conditions by Esther Boltz Roy I and David L Ebersole, Auctioneer

MON NOV 9 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV 9 - 6 P M Public Sale of Real Estate, Tools and Equipment Located along Laurel Ridge Rd (between Peartown Rd and Whitehall Rd), West Cocalico Twp, Lancaster Co, PA Donnie W and A Elaine Mathews T Glenn Horst and Timothy G Horst, Auctioneers

TUES NOV 10 7 P M Feeder Sale located at Carlisle Livestock Market just off I 81 exit 12

TUES NOV 10 - 10 A M Public Sale of Valuable Farm Equipment, Harvestore Silos, Household Goods, Trucks and Jeep Cherokee. Located south from Kutztown on the (Noble St. Lyons Rd.) past Fire Co. Bldg, turn onto Coffee Lane to 1st farm, Berks Co., PA Irwin and Marian Fink Ralph W Zettlemoyer Auction Co, Inc

TUES NOV 10 - 10 A M Public Sale of Valuable Farm Equipment, Harvestore Silos, Household Goods, Trucks and Jeep Cherokee. Located south from Kutztown on the Noble St Lyons Rd past Fire Co Bldg, turn into Koffee Lane to 1st farm, Berks Co, PA Irvin and Marian Fink. Ralph W Zettlemoyer Auction Co, Inc

TUES NOV. 10 - 4 P M. Public Sale of Real Estate. Located in Little Britain Twp, Lanc, Co, PA south of Lanc turn left along Rt 272 south at the Wakefield Fire Co, Continue to Joy's Antiques and turn right onto Brown Rd Greenbank farm is on the left E M Murry Associates, Auct

PUBLIC SALE

OF VALUABLE FARM, FARM MACHINERY AND ANTIQUE HOUSEHOLD GOODS

SATURDAY, NOVEMBER 28

Sale at 10:00 A.M.

Located in Guilford township, Franklin Co., Pa. 5 miles east of Chambersburg exit 6 of Interstate 81 turn south off U.S. route 30 at Fayetteville on to old route 997 or Mont Alto Rd. go 2½ miles to New Guilford church turn north. Watch for sale signs.

MF 165 gas tractor wide front on good rubber; MF 35 tractor wide front heavy duty loader; 1936 Graham Bradley 6 cylinder tractor; JD 55 12 ft. self-propelled combine; NH 461 hay bine; Lot of other farm machinery.

At 1:00 PM will offer real estate. 120 acres more or less all undercultivation with road frontage. Good Duffield soil. Improved by 2½ story frame weatherboard house, with aluminum siding. 9 rooms with 2 baths, 80 ft. two floor bank barn. 10x50 ft. concrete silo, block milk house. 30x42 ft. concrete floor wagon shed with 2 large corn cribs 45x90 ft. open front steel frame and siding implement shed. 25x50 ft. 3 story block chicken house. 2 car block garage. Drilled well, cistern and reservoir.

For inspection of real estate call 717-352-7778 after 5:30 P.M. or 717-328-3227. Terms of real estate 10% down other terms day of sale.

Order of sale: household goods, tools and machinery

Lunch stand reserved

Estate of

MELVIN B. CAUFMAN

Edgar J. Stull Auctioneer
Richard K. Hoskinson Attorney

PUBLIC REAL ESTATE AUCTION

VALUABLE OPERATING AUTOMOTIVE BODY AND PAINT SHOP

on 2.98 Acres Commercial Use

SATURDAY, NOVEMBER 14, 1981

2:00 P.M. E.S.T.

On the premises on Broad Street and Route 74 in the Borough of Delta, York County, Pa.

REAL ESTATE

Consist of 2.98 acres more or less improved by a 3,520 square foot block building with 8 bays with concrete floor; office and rest room; main part has hot air gas fired heating system; separate paint room has gas hot water heat; public water; 200 watt service. There is lots of parking area. The property being sold does not include any equipment in building and is being sold "as is". This property is very well located and can be used for many other type of businesses. For inspection by appointment call 301-452-8768 or 301-692-5667 or 717-456-7333.

TERMS

The purchaser shall pay by a cash deposit or by certified or cashier's check made payable to Gilbert G. Malone, Attorney, the sum of six thousand ($6,000.00) dollars. The balance of the purchase price shall be paid at time of settlement which shall be on Friday, January 15, 1982, at 8:00 p.m. in the Delta office of Gilbert G. Malone or at such other time and/or place as the parties may agree. Other terms and conditions made known day of auction sale. Not responsible for accidents.

By order of:

RICHARD & MARY M. BARNINGER

T/A R & R Body Shop Owners

Auctioneers
Charles W. Shrodes
David W. Shrodes
301-692-5667
996-2424
Gilbert G. Malone - Atty.

PUBLIC AUCTION

WED., NOV. 11th

At 5:30 P.M.

Southern Manheim Twp. Fire Hall, Fruitville Pk. & Orchard Sts., Lancaster, Pa.

Old baseball cards (early 1900's) old toys (bell ringer tin windups, Hubley etc.), (7) old pocket watches, old jewelry, (2) old spool cabinets w/thread, sm. Tiffany type lamp, cast iron-pots & pans, door stops, banks, fireside cat, etc., Depression glass, cut glass (one pc. signed Fry), china- R.S. Prussia pcs., R.S. German, lot of old Hall pcs., Avons (full in boxes), Sterling thimbles & other items, dolls, old postwards, folder Hershey, Pa. 1920, W.W. I airplane prints, piano baby, old childrens books & others, collector record albums scrap books, milk can (drop handles), (4) color T.V.'s cottage dresser, hutch, sm. tables, Many more items.

(Accepting items for next antique sale) call:

Auctioneer
John H. Cooper
665-5839

PUBLIC BANKRUPTCY AUCTION

VALUABLE REAL ESTATE

TUESDAY, NOVEMBER 10, 1981

4:00 P.M.

In Re: Wilton B. Jackson and Janet G. Jackson and as partners in Greenback Farm Barry Soldky Esquire Trustee. Bankruptcy #81-0401-0.

GREENBANK FARM

Greenbank varies in diversity, being convenient for the Gentleman, the commercial or horse farmer, contains two tracts of land consisting of a total of 37 acres in M.L. erected thereon a stone dwelling built in 1745, bank barn, corn and storage barn, Modern farrowing house, and breeding pens suitable for complete hog farming operation. Located in Little Britian Township, Lancaster County, Pa. South of Lancaster turn left along Rt. 272 South at the Wakefield Fire Co. continue to 'Joys Antiques' and turn right onto Brown Road Greenbank Farm is on the left, watch for Auction Sign. Antique and History Buffs, you will appreciate the C1745 recently restored farm house containing, seven fireplaces, five bedrooms, kitchen, four bathrooms, living room, dining room, family room and laundry in the basement. House has new wiring, hot water, oil fired heat system. Hunting and nature enthusiasts will enjoy the wildlife and seclusion of this property. Interested parties may inspect this property by appointment or attend the inspection time on Thursday, October 29 4:00 P.M. till 6:00 P.M. or Saturday, November 7, 1:00 P.M. till 3:00 P.M.

Financing available to qualified parties through Production Credit Association 786-7007.

TERMS: 10% down, balance 45 days. Send S.A.S.E. for Brochure.

E.M. MURRY ASSOCIATES
Auctioneers
626-5244
Elmer - Richard - Ken
Our Services are Not A Side Line

E.M. Murry Associates

287 Lime Rock Road
Lititz, PA 17543
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Professional Auctioneers
Appraisers and Advisors
Since 1953

Elmer M. Murry
Auctioneer Since 1953
Phone 717-626-5244

1981 New York Beef Cattlemen's Association FEEDER CALF SALES

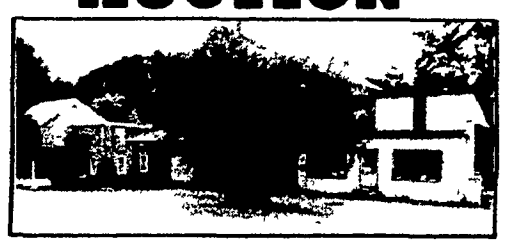
FRIDAY, NOV. 13
Dryden Empire Livesotck Market
PRE-CONDITONED CALVES ONLY
1:00 P.M., 300 Head*

SAT., NOV. 14
Bath Empire Livestock Market
1:00 P.M., 600 Head*

SAT., NOV. 21
Caledonia Empire Livestock Market
1:00 P.M., 550 Head*

***Denotes state graded. For additional information call or write: Robert H. Good, Executive-Secretary, 7606 Butler Rd., Perry, N.Y. 14530. Phone 716-237-3365.**

AUCTION



Mr. & Mrs John W Arnold
5 Acre Feed Mill Property
offered in 2 parcels or entirety
Subject to Confirmation
Saturday, November 14th, 9:30 A.M.
EXCELLENT OWNER FINANCING

Household Items

New medicine cabinet, assorted pillows and cushions, bedspreads, TV trays, 24" ventilation fan, christmas items, artificial flowers, assorted toys, commode rack, assorted dishes, sets of glasses, pictures and plaques, hand woven rugs, several new afghans, curtain stretcher, assorted jars, 2 quart, quarts & pints, corn poppers, deep fryer, sunbeam coffee maker, 4 electric irons, cake and salad set, Veg-O-Matic, electric fry pan, assorted trays, canister set, brazier, 2 egg washers, assorted flower pots, Igloo cooler, 1 gallon, refrigerator chest

Antiques/Collectibles

Old basket, victrola player, avon collectibles, cupi doll, old pictures and frames, porcelain coffee maker, set "HULL" vases, assorted glass, assorted vases, partial set ROYAL (semi porcelain) FURNIVALS, ENGLAND, 12 HOMER LAUGHLIN plates set of 5 German cups and saucers, old carpet, 6 antique jugs CROSSVENT, GLASCO, OLD MERRY grinder, apple pealer, 10" cast iron frying pan, small wash board, 3 gallon crock, gallon crock, granite pans, granite canner, egg scales, assorted bottles, FAIRBANKS-STANDARD balance scales, TROENNER balance scales, grain cradle, H S WALCK, GREENCASTLE, PA, water wheel speed indicator, hand meat grinder, hand saw tooth set set of mill stone burr dressers, old hand tools and wrenches, double barrel 12 gauge shotgun, T DUMOULIN & CO, single shot 22, REMINGTON, single shot 22, brass barrel, HAMILTON, 3 sets platform scales, straw cutter, 2 kerosene lanterns, wooden half-bushel measure, cross cut saw, antique weight clock, NEW HAVEN CLOCK, assorted ornaments salt and pepper sets

REAL ESTATE —12:00 NOON

Vehicles & Farm Equipment

Auto 1955 PACKARD CLIPPER, 8 cyl, 80,000 miles, Truck 1964 FORD stake body, 6 cyl, 90,000 miles, Tractor - ALLIS CHALMERS, C, rowcrop with cultivators, tractor manure spreader NEW IDEA, metal harrow, 2 section, disc harrow, 16 ft metal frame elevator

Furniture & Appliances

Oak chest of drawers, 2 matching end tables, set of shelves, Maple desk & matching end table, coffee table, several clothes hampers magazine stand, sofa bed, assorted table lamps, several metal chairs, INT HAR 16CF chest freezer, APEX wringer washer double wash tubs, apartment size KENMORE electric range

Mill Property

Counters, upright display case 4' x 7', shelving, 42" oak desk, electric NCR cash register, electric NCR adding machine, paymaster check writer, metal filing cabinet, 11' counter-display case, industrial POWER KRAFT all purpose vacuum sweeper, FISCHBEIN bag sewing machine, weigh buggy scales, FAIRBANKS new & used chicken feeders, metal feed cart, 2 metal bag-wagons, assorted lumber, hot water furnace, hot water circulator, McCASKEY bill register (fireproof) with filing cabinet, FARREL & CO, large safe, 3' cast iron radiator, 30' drag belt, 20" wide windows & door, wheel barrow

Directions From Rte #322 at Thomspontown Exit, Turn North and follow road approximately 6 miles to Cocolamus

FOR DETAILED BROCHURE — CALL OR WRITE

JOHN B. NIESLEY
BROKER-AUCTIONEER
32 W High Street, Carlisle, PA 17013
(717) 249-8787

FEEDER SALE!

WED., NOV. 11
6:30 P.M.
FOUR STATES'
Hagerstown, MD
Call 301-733-8120

Public Sales Register

TUES NOV 10 - 5 30 P M Farmersville Auction In Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt Auctioneer

TUES NOV 10, 1981 11 00 A M Rinehart Farms Registered Holstein Sale At Taneytown MD between Littlestown, PA and Taneytown MD Watch for signs John W Rinehart owner R Austin Backus Inc Mexico, NY sales managers

WED, NOV 11 7 30 P M Yearling Steer Sale Located at 1044 Edom Road, Harrisonburg, VA Shenandoah Valley Livestock Sales, Inc

WED NOV 11 - 11 A M Public Sale of Cattle Located on the farm on Fry Rd 3½ miles south of Jefferson in Frederick Co , MD O Clayton Smith & Family, Owners Remsburg Sale Service, Auctioneers

WED NOV 11 - 5 30 P M Public Sale of Collectibles Located –at Southern Manheim Twp Fire Hall, Fruitville Pk and Orchard Sts , Lancaster, PA. John H Cooper, Auctioneer

WED NOV 11 - 6 30 A M Feeder Sale Located at Four States' In Hagerstown, MD 301-733-8120

PENN STATE AG ARENA BENEFIT SALE

December 11, 1981

Farm Show Complex, Harrisburg, PA

Consignments are still being accepted for one of the largest all breed sales in the East to aid The Pennsylvania State University's Ag Arena fund-raising project.

HERE ARE PARTICIPATING DAIRY PRODUCERS WHO HAVE ENTERED CONSIGNMENTS:

RICK & ELWOOD SMITH
New Enterprise

ALLEN & CHARLES BAKER
Bedford

JOSEPH & JAMES GARMAN
Osterburg

SINGING BROOK FARM
Imler

STEVE HOOVER
Martinsburg

BURKET FALLS FARM
East Freedom

THOMAS KELLY
Tyrone

LARRY KULP
Martinsburg

SPRING LANE FARM
Tyrone

BEN JACKSON
Columbia Cross Roads

RUSSELL JONES
Little Meadows

ALFRED & MARY SPARLING
Troy

DUANE WILCOX
Canton

MELVIN PEIFER
Canton

WALTER B. WURSTER
Ottsville

PENN STATE UNIVERSITY (2)
University Park

TUSSEY VIEW FARMS, INC.,
Centre Hall

STROUSE & NEER ASSOCIATES
Centre Hall

RAYMOND & RICHARD COURSEN
Spring Mills

EMIL PETERS
Port Matilda

RICHARD GRAHAM
Port Matilda

PAUL HARTLE
Bellefonte

JOSEPH HARTLE
Bellefonte

PAUL VANADA
Howard

ROBERT & JANE PEPPLE
Oxford

LLOYD & JEANNE MILLER
Mayport

HOWARD SMITH, II
Mayport

SNYDER VALLEY FARMS
Parker

RYND-HOME FARM
Cochranton

ROBERT STROCK
Mechanicsburg

FRED POTTEIGER
Carlisle

PAUL STROCK
Mechanicsburg

THOMAS SHEAFFER
Carlisle

ASHCOMBE FARM DAIRY, INC.
Mechanicsburg

JOHN HERTZLER
Elizabethtown

STONEYLAWN FARMS JAY KOPP
Middletown

PAUL M. LYTLE, JR.
Middletown

ROBERT J. SHAFFER
Elizabethville

H.C. GABLER (2)
Chambersburg

HAROLD & BETTY WENGER
Shippensburg

WIT-LANE FARMS
Mercersburg

ED BRAKE
Mercersburg

ED REICHARD
Chambersburg

MARSHA WITTER
Mercersburg

JOHN G. GILLILAND
Warriors Mark

JAMES McMATH
Shirleysburg

TERRY BRANSTETTER
Tyrone

WAYNE HARPSTER
PA Furnace

S.F. METZ
Mifflintown

WILLIAM PEOPLES
Mifflintown

JAY LANDIS
Lancaster

ROBERT KAUFFMAN
Peach Bottom

J. ROBERT KINDIG
Conestoga

ALBERT MOYER
Lebanon

FERNDALE FARMS FRANK REIST
Lebanon

DALE HOSTETTER
Annville

HERSHEY BARE
Lebanon

LESTER POUST
Muncy

ROY SCHULTZ
Muncy

LARRY STRATTON
Smethport

WILLIAM BRADFORD
Lewistown

FRED SEIPT
Landsdale

KEYSTONE FARM
Easton

LEWIS BERKLEY
Berlin

NORTH VIEW FARM
Berlin

BOB WOOD ACRES
Dushore

DENNIS HOTTENSTEIN
New Albany

PAGE MILLER
Susquehanna

HAROLD HARTT
Susquehanna

JAMES & ROBERT CURLEY
Montrose

KEN BOYER
Selinsgrove

CALVIN C. FISHER, JR.
Selinsgrove

JOHN SHIREY
Beavertown

GLENN BOWEN
Wellsboro

CLARK BOWEN & SON
Wellsboro

GERALD PARKER
Liberty

LEON MUSER (2)
Lewisburg

SORDONI STERLING FARMS, INC.,
Harveys Lake

GEORGE M. KNIGHT, JR.,
Airville

ASHCOME DOVER DAIRY FARM
Dover

PAUL & KATHY KING
Delta

GEORGE BRIDENBAUGH
Martinsburg

GALEN KRAUSE
Stevens

THOMAS PAGE
Susquehanna

DAVID MORROW
Tyrone

ROBERT FREYERMUTH
Meadville

GORDON WOOD
Mansfield

ROBERT COMBS
Dushore

WEIM-SHARR FARMS, STANLEY WEIMER & D.H. SHARER
New Oxford

ADAM LOBAUGH
Aspers

JUNE & ELDER VOGEL JUNELL FARMS
Rochester

LUTHER O. STEELE
New Enterprise

MARCOVE FARM
Martinsburg

SCOTT W. KUMMER
Evans City

WADE COOPER
Slippery Rock

PAUL VONADA
Howard

ROBERT MORRELL
Cochranton

A-JAY FARM
Spartansburg

THEODORE SMALL
Chambersburg

SIDNEY & MARGARETTA ORMSBY
Tyrone

HOWARD B. WEISS
Myerstown

LARRY L. MOYER
Lebanon

TWIN GAP FARM, LTD.
Mt Bethel

PAUL D. & DAVID P. COUNTRYMAN
Berlin

ELMER W. HOOVER
Springville

WAYNE CO. HOLSTEIN CLUB
c/o MRS. SUSAN RICKARD
Honesdale

SIRE POWER, INC.
Tunkhannock, PA
10 Units of Semen

ABS
Deforest, WI
8 Units of Semen

SELECT SIRES
Plain City, OH
5 Units of Semen

ATLANTIC
Lancaster, PA
10 Units of Semen

To consign an animal, contact your breed association or one of the following:

BEEF CATTLE:
Robert Coleman
Pennsylvania Cattlemen's Association
4605 North Road
Harrisburg, PA 17109

SHEEP:
Tom Calvert
Pennsylvania Cooperative Sheep and Wool Growers
R.D. 4, Berlin, PA 15530

DAIRY CATTLE:
William Nichol
Pennsylvania Holstein Association
839 Benner Pike
State College, PA 16801

SWINE:
Dennis Grumbine
Pennsylvania Cooperative Swine Breeders Association
R.D. 2, Myerstown, PA 17067

★ Consignors are asked to donate at least 50% of net sale proceeds to AG ARENA BUILDING FUND

O-C-S DAIRY NOVEMBERFEST

On the farm located on Fry Road 3½ miles south of Jefferson, in Frederick Co., Md.

WEDNESDAY, NOVEMBER 11, 1981

11:00 A.M.

75 REGISTERED HOLSTEINS 75

50 Cows - 10 Bred Heifers - 15 Calves

5 sell from EX dams - 2 over 1000F

21 sell from VG dams - a large number selling fresh

14 daughters of Round Oak Rag Apple Elevation sell with records to 20,920M and 734F. Many are scored VG - others with great potential.

A Few Samples:

- VG 86 Elevation with 3-7 357 19,371 741 bred to Valiant
- GP 82 Elevation with 20,920M and 743F as a 2-yr old.
- A beautiful Marquis Ned dtr. (N.C.) with 20,300M and 736F Inc. as a 4-yr. old.
- An Astronaut dtr. from an EX dam with 22,420M and 860F.
- A lovely uddered Needle dtr. from an EX dam with 19,600M and 759F, gr. dam EX with 937F.
- VG 86 Elevation with 3-6 320 18,070 642 sells fresh with her Arlinda Cheif dtr.
- VG 87 Elevation with 682F as a 3-yr. old.

Also an impressive group of calves born right for the 1982 shows by Arlinda Chief, Conductor, New Hope, Cinnamon, and other popular sires.

Don't miss this sensational offering - a real opportunity to buy foundation Holsteins.

Catalogs Available Sale in heated Tent

Lunch Available

T.B. and Bangs tested for Interstate Shipment (They can go to Pennsylvania).

Owner

O. CLAYTON SMITH & FAMILY

3201 Fry Road,
Jefferson, Md. 21755
Ph. 301-473-8214

Sale Manager
REMSBURG SALE SERVICE
P.O. Box 177, Jefferson, Md. 21755
Ph. 301-473-8214

Sansky Farms

Gilson Twp Susquehanna Co., Pa.

I the undersigned will sell the following at the Farm located 4 mi. East of Smith Gilson & Rt. 92, 6 mi. from Rt. 706 at West Clifford, 3 mi. North of Elk Mt. Ski Tow, 6 mi. from Exit 64, Lenox Exit of I-81.

SATURDAY, NOVEMBER 14

12:00 Noon

48 Reg. & Hi-Grade Holsteins, 20 Reg. & 28 grade, 47 cows & 1 Bull, all home bred herd. They include a top Elevation, Sansky Kingpin Elevation Shawn. 3 yr. 1 mo. 333 day 19,180 M, 722 F Due in March to Gemini, Her Dam a Kingpin with 16,969 M. 629 F. 305 da. A real fancy Dau. of Garp Home Arlinda King, an Arlinda Chief son, his dam a VG 85. Star Man dau. with records to 23,000 M. Sansky King Rita with 4 year 5 mo. 325 da. 20,540M. 805 F. due in March in this offering of 14 reg. dau. of Sansky Transmitter Toby. A Tidy Burke Transmitter son, from a dam with 22,254 M. 848 Fat his dau. include 3 full sisters & a maternal sister by Salansky Elevation Dandy, an Elevation Son (quite a family) Toby Dan Paulette with a 3 yr. record of 19,537 M. 689 F. Due early March, Dolly with a 2 year record of 15,851 M. 529 F. also many top Grades dau. of Toby with records to 22,198 M. 705 F. 42 head bred to freshen now thru June, also selling the service sire to many of the cows. Frosty Hill Trump Commander, a son of Tetters Burkgor-Trump, EX-90-GM #1551 M & 537 F. Many foundation animals to the Salansky's herd come from the great herd of Norval Potto. They are all young with outstanding type and real good quality udders, and they will please the most critical buyer. Cert. & Accrted. Calfhood vaccinated, 30 da. T.B & Blood test, interstate charts issued day of Sale. Catalogs at ring side.

Terms: Cash, Approved Checks, F.H.A. Checks - Lunch - Tent.

THOMAS & LOIS SALANSKY
Owner
RD 1 Uniondale, Pa.
717-222-3665

M.L. Bunnell &
Wayne Weaver, Auctioneers
RD2 Tunkhannock, Pa. 18657
717-333-4194

PUBLIC SALE

OF REAL ESTATE
(20 Acre Farm)
FARM EQUIP., HOG EQUIP.
HAY & STRAW
WED., NOV. 18
at 12:00

Located along Furniss Road., R.D. #2, Drumore, Drumore Twp., Lanc. Co., Pa. Take Rt. 272 south of Buck. At Tanglewood Golf Course Sign turn right onto Silver Spring Rd. Go about 4 mi. to Furniss Rd. & turn right to sale. Property will be open for inspection Sat's., Oct. 31, Nov. 7 & 14 from 10:00 until 12:00 noon.

Real Estate: 2½ story frame house w/white alum. siding, 10 rms. & full bath. Frame 70' by 50' bank barn w/dbl. barn floor, dbl. mows, attached tractor shed w/corn crib, 8 finishing hog pens. 2 Big Dutchman 5 ton storage bins w/feed augers. 3 frame & 2 rnd. wire corn cribs. 1 story cement block hog firing house. 1½ story cement block 3 car garage. Other bldgs. not listed. Total of 20 acres of land w/approx 12 acres tillable grnd., 6 acres of pasture & woodland. Real Estate to be sold at 12:00.

John Deere 1520 Gas w/37 loader; John Deere 720D w/2 row corn planter; Badger 1,000 gal. liquid manure spreader; New Holland 352 grinder mixer; John Deere 480 haybine; New Holland 34' elevator; John 14T baler; Brillion transport spring harrow w/wings; flat bed hay wagon; New Idea hayrake w/rubber tires; 9' cultipacker. HOG EQUIPMENT: 9 new farrowing crates w/raised decks, 16 used farrowing crates, 12 LP gas brooders, 3 pt. hitch hog head gate, tube type ventilaiton system for building (new). NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by
MR. & MRS. WILBUR C. HUSS
Xakellis, Perezous
& Mongiovi Attys.
Howard Shaub Auctioneer 464-3541
and Roy C. Probst

PUBLIC SALE

SATURDAY, NOVEMBER 14
10:00 A.M.
WEST HANOVER TOWNSHIP
DAUPHIN COUNTY, PENNSYLVANIA
1009 NORTH FAIRVILLE AVE.

Located 4 miles east of Linglestown Sq. to North Fairville Ave. or take Manada Hill exit 27, go west on 39, ½ mile to North Fairville Ave., 2 miles to sale, signs posted.

CATTLE-FARM EQUIPMENT-TOOLS
CATTLE
8 BEEF CATTLE, APPROX. 350 LBS.
8 BRED BEEF CATTLE
FARM EQUIPMENT & TOOLS

Ford 5000 Diesel Tractor, Farmall M Tractor, New Holland 315 baler w/thrower, 990 International Haybine, 256 New Holland rake, 2-bale wagons, New Holland 30 ft. bale elevator, New Holland manure spreader, Oliver superior grain drill, John Deere offset disk, Ford 3-16" 3 pt. plow, John Deere 2-14" plow (pull type), John Deere 2-12" plow (pull type), Oliver 18 pull type combine, M.H. Clipper combine, Case combine for parts, pull type harrow, David Bradley Hammer Mill, 2 moveable corn cribs, New Holland corn harvester, self feeders, metal hog troughs, International Dump truck w/Omaha 12 ft. grain body w/two speed axle, 12 ft. truck bed w/metal floor and wood sides, 1967 Plymouth sedan, 3010 Heat Houser for John Deere tractor, International Cub Cadet, 73 7 HP tractor w/42" cut elec. start, 150 gal. gas tank w/pump, two wheel trailer, Lincoln portable gasoline 225 DC ARC welder, welding rods, Acetylene outfit, two lg. screw jacks, two Skil saws, ½" wratchet set, tap & die set, Ben Franklin stove like new, Craftsman 8" table saw, hydraulic hose, V belts, single trees, fence posts (elec.), used alum. sheeting, hinges, two 9 ft. ladders, many more items. NO HOUSEHOLD ITEMS.

Cattle to be sold at 11:30 A.M. following with farm equipment.

Food stand reserved.

Terms, Cash or Travelers Checks or Personal Checks approved by owners before day of sale.

Owners,
SAM & TOM BOWER
Call (717) 469-7351 between 7 A.M. & 12 noon for other information.
Auctioneer, Richard P. McNeal
NOT RESPONSIBLE FOR ACCIDENTS

Public Sales Register

Closing Date - Monday, 5:00 P.M of each week's publication

WED NOV 11 - 8 30 A M Public Sale of Farmette, Farm Machinery, Autos, Lawn and Garden, Antique, Collectibles and Household Furnishings Located 10 mi south of Selinsgrove and 2 mi west off Rt 11-15 from the Mobile Gas Station and Dutch Kitchen Restaurant to Flanders Road for another 1 mi Estate of Emma S Barner Earl Eash and Donald C Fogle, Auctioneers

THURS NOV 12 1 P M Public Sale of Real Estate Located in the Village of Weishample, Barry Twp, Schuylkill Co, PA, 4 mi northeast of Hegins, take Rt 125 north to Deep Creek Rd, turn east of Weishample or 7 mi west off 181, Exit 35, take Rt 901 north to Deep Creek Rd and turn west to Weishample Estate of Sarah E Kahres George and Mike Deibert, Auctioneers

THURS NOV 12 11 00 A M located in Cumberland Co 3 mi north of Newburg Rt 997, ½ mi east of exit 15 off PA turnpike Complete dairy herd dispersal Richard & Mary Grace Gardener owners Newburg, PA Sale managed by Kling's Auction Service

THURS NOV 12 11 A M Public Sale of Cattle Located in Cumberland Co, 3 mi north of Newburg on Rt 997, ½ mi east of Exit 15 (Blue Mtn) of PA turnpike Richard and Mary Grace Gardener, Owners Kling's Auction Service

THURS NOV 12 10 A M Public Sale of Poultry Equipment and Misc Located at White Wing Poultry Farm, on Rt 309, at Trainers' Rest turn west onto Rt 663, at Citco Station turn right onto Old Bethlehem Pike for 2 mi then west onto Rosedale Rd for 1 mi Cherry's Packing, Inc James W Mohr and Harold Bellmeyer, Auctioneers

FRI NOV 13 - 6 30 P M Fall Heifer Sale consisting of 200 to 300 Open Bred and Springing Heifers to be held at the Belleville Livestock Market, Belleville, Pa Mark Glick, Auctioneer

FRI NOV 13 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI NOV 13 1 P M Public Sale of Cattle Located at the Blue Ridge Livestock Sales, Inc Charlestown, WV 304 725 5021

FRI NOV 13 - 1 P M Public Sale of Feeder Calves Dryden Empire Livestock Market 1981 New York Beef Cattlemen's Association 716-237-3365

FRI NOV 13 10 30 A M Public Sale of Cattle Located 2 miles west of Chittenango on Rt 173 and only 4 mi east of Manlius on Rt 173 Chittenango is 12 mi east of Syracuse, NY on Rt 5 Gates Homestead Farm R Austin Backus Inc, Auctioneers

FRI NOV 13 11 A M Public Sale of Cattle Located on the farm on Sullivan Rd 4 mi north of Westminster off Rt 140 in Carroll County, MD Cranberry Meadows Farm, Inc, Owners Remsburg Sale Service

FRI NOV 13 7 P M Public Sale of Cattle Located at Leesport Market and Auction, Rt 61, between Reading and Hamburg Second Annual Berks County Cattlemens Association

FRI NOV 13 7 30 E S T Special Holstein Dairy Sale including 1 load of Cows out of New England States and Cows and heifers out of Canada to be held at Smoketown Quality Dairy Sales, 5 miles East of Lancaster, 5 miles West of Intercourse, Pa Sale by Helen and Gordon W Fritz, Carl Diller and Paul Snyder, Auctioneers

SAT NOV 14 10 A M Public Sale of Valuable Real Estate, Antiques, Auto and Household Furniture Located along Bentz Mill Rd in the Village of Kralltown, PA Take Rt 194 about midway between Dillsburg and East Berlin, then turn east 3¼ mi onto Creek Rd or Rt 74 north of York, PA and continue thru Rossville, Wellsville to Kralltown in Washington Twp, York Co, PA Margaret I Myers, Owner Clair R Slaybaugh, Auctioneer

SAT NOV 14 9 A M Public Sale of New and Used Inventory Located at 1140 Dillerville Rd, Lancaster, PA on Manheim Pike and Dillerville Rd, J Everett Kreider and Steve Petersheim, Auctioneer

SAT NOV 14 10 A M Public Sale of Cattle, Farm Equipment and Tools Located 4 mi east of Linglestown Sq to North Fairville Ave or take Manada Hill exit 27, go west on 39, ½ mi to North Fairville Ave, 2 mi to sale Sam and Tom Bower, Owners Richard P McNeal, Auctioneer

SAT NOV 14 11 30 A M Public Auction of 52 acre Farm, Farm Equipment and Personal Property Located in Ringtown Valley, Union Twp, Schuylkill Co, PA, from Ringtown Borough take North Center St. go ½ mi, turn West on American Legion Rd cross Iron Bridge, turn right at first macadam road, go to second farm Peter and Barbara Boyer, Owners Deibert Auctioneers

SAT NOV 14 10 A M Public Sale of Real Estate, Vehicles, Tools, Auto Parts, Garage Equipment and Office Equipment Located at Schaum's Corner, Intersection of Rts 272 and 772, just off Brownstown Exit at Rt 222, along road from Schaum's Corner to Rothsville, Lancaster Co, PA Irvin L Zimmerman, Owner Frank and Paul Snyder, Auctioneers

PUBLIC SALE

OF
EXCESS INVENTORY
Agway, Inc.
1140 Dillerville Rd.
Lancaster, PA

SATURDAY, NOVEMBER 14
- at 10 A.M.

Used motors; 1 40x200 clear plastic; pickup truck cover; 1 30 gallon drum of livestock spray; 1 40 gallon electric water heater; cattle mineral feeders; water pressure tanks; Black and Decker work mates; security lights; potting soil, peat moss; electric snowblowers; charcoal grill; damaged lawn fertilizer; torn bags of wild bird food; Disston grass shears; elastic root sealer; jelly jars; lawn and garden chemicals; plastic and galvanized pipe fittings; passenger car tires; new 10 HP Agway riding mower; new 8 HP riding mower; 2 used riding mowers; assorted car batteries; peg board; 16' cattle panels; 16' hog panels; chain length fence and accessories; and 6' horse fence.

Terms by:
AGWAY FARM AND HOME STORE
394-0541
Auctioneer: J. Everett Kreider
786-1545

CRANBERRY MEADOWS FARM HOLSTEIN SALE

On the farm located on Sullivan Road four miles north of Westminster off Route 140 in Carroll County, Maryland.

FRIDAY, NOVEMBER 13
11:00 A.M.
94 HEAD OF HOLSTEINS 94
34 Registered - 60 Grades

21 First and Second-Calf Heifers
22 Bred Heifers Close or Fresh by Sale Time (16 Reg.)
18 Cows Fresh in September and October
12 More Cows Due within 60 days

15 Sell with records from 17,100 to 21,670M
20 Sell with records from 14,200 to 16,850M
18 Sell with records from 600F to 817F

A Few Samples:
Grade No. 183 - 21,670M and 817F
Grade No. 856 - 20,430M and 791F
Grade No. 70 - 20,380M and 779F
Grade No. 39 - 19,080M and 656F
Grade No. 41 - 18,710M and 685F
Grade No. 901 - 19,010M and 561F
Grade No. 194 - 18,850M and 673F
Grade No. 294 - 18,460M and 672F

Auctioneer's Note: All salable grade cows in the herd and a number of selected registered ones are selling. The cows are averaging right at a 4.0% test level, and there are lots of young cattle with good udders that will please you. The bred heifers are very nice and due near sale day or shortly thereafter. Curtiss breeding has been used in this herd for generations.

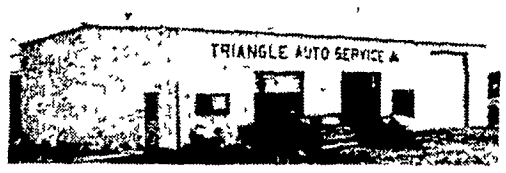
Tested for Interstate Shipment
Pregnancy checked
Catalogs available - Sale in heated tent - Lunch available

Owner
CRANBERRY MEADOWS FARM, INC.
Sullivan Road
Westminster, MD. 21157
Ph. 301-848-0777
301-848-5486
Sale Manager
REMSBURG SALE SERVICE
P.O. Box 177
Jefferson, Md. 21755
Ph. 301-473-8214

PUBLIC SALE

OF REAL ESTATE, VEHICLES, TOOLS, AUTO PARTS, GARAGE EQUIPMENT, OFFICE EQUIPMENT
SATURDAY, NOVEMBER 14
SALE TIME 10:00 A.M.
REAL ESTATE 1:00 P.M.

Located at Schaum's Corner, Intersection of Rts. 272 and 772, just off Brownstown exit at Rt. 222, along road from Schaum's Corner to Rothsville, Lancaster County, Pa.



A certain tract of land, 1 acre, more or less, upon which is erected a
40x75 KIRBY STEEL INSULATED BUILDING
6 years old, 2 floor hoists, hot air oil heat, well, septic system.

If you are looking for a garage to go in business don't miss this sale. Inspection of property, Oct. 24 to 10:00 a.m. to 3 p.m. Terms 10% down and balance in 60 days.

Autos & Truck Equipment & Tools
VEHICLES TO BE SOLD AT 1:30 P.M.
1 - 1958 Ford F600 with Ashton J43 Wrecker
1 - 1963 Int. 4WD Pickup Truck with Plow
1 - 1975 Jeep Cherokee Quadratrak

Equipment

1 US Curtis 5 H.P. Phase Compressor; 1 Lincoln Stationary Air Grease Gun w/Hose Reel; 1 Lincoln Bulk Oil Pump w/Hose Reel; 1 - 275 Gal. Bulk Oil Tank; 1 Lincoln Portable Air Grease Gun; 2 Gear Oil Pumps & Dollys; 1 Allemite Crossite Alignment Gauges; 1 Small Dayton Drill Press; 2 Bench Grinders; 3 Bench Vises; 1 - 20 Ton Red Arrow Press; 1 Bishman-Model 145 End Lift; 1 Coates 10-10 Tire Changer; 1 Bada Bubble Balancer; 1 Red Arrow 5000 Lb. Engine Hoist; 1 Red Arrow Engine Stand; 1 ESB Battery Charger; 2 Battery Testers; 1 Marquette 40-175 Engine Analyzer 2 Yrs. Old; 1 Airco 225 AMP Welder; 1 Miller 255 AMP Welder; 1 G.E. 400 AMP Gen. Welder; 1 Welders Vise & Anvil; 2 - 1 ton Floor Jacks; 1 - 20 Ton Floor Jack; 1 Truck Wheel Dolly; 1 Jacobson 8 H.P. Tractor w/Mower & Snow Blower; 1 Set Hoppy Headlight Aimers; 1 K.D. McPhearson Service Tool; 1 - 300 Gal. Skid Tank.

Tools

2 - ½" Drive Air Wrenches; 2 - 3/8" Drive Air Rachets; 1 - ¾" Drive Air Wrench; 2 ¾" Drive Socket Sets; Assorted Wheel Wrenches; 1 - 300 Lb. Torque Wrench; Foreign & American Car Manuals; Many (Snap On) Hand Tools

New & Used Foreign & Sports Car Parts
Office Equipment

and many more articles not mentioned.

TERMS BY:
TRIANGLE AUTO SERVICE
Irvin L. Zimmerman, owner
FRANK AND PAUL SNYDER, AUCTS.
717-859-2688 — 717-733-7052
FASNACHTS, CLERKS
EABY & EABY, ATTORNEYS

Not Responsible For Accidents
Terms of Sale, Cash or Company and Personal Checks with current bank letter of guaranteed payment.

FEEDER SALE!

TUES., NOV. 10
7:00 P.M.

Carlisle Livestock Market
Just off I-81 Exit 12
Phone 717-249-4511
or 301-733-8120

Public Sales Register

Closing Date - Monday, 5.00 P M
of each week's publication

SAT NOV 14 9 A M Public Sale of Farm Machinery, Tools, Pickup Truck, Straw and Ear Corn Located approx 2 mi north of Stewartstown, off Rt 24 turning at Greer Chevrolet, along the road to Cross Roads in York Co , PA Mrs Pauline B Trout, Owner Robert L Sechrist, Auctioneer

SAT NOV 14 - 2 P M Public Sale of Farmette, Ear Corn and Misc Items Located along Rt 322, 2½ mi east of Blue Ball, East Earl Twp , Lanc Co , PA Sale for Amos H and Annie S Shirk Nevin Z Martin and Lewis B Groff, Auctioneers

REAL ESTATE & DAIRY HERD
DISPERSAL
THURSDAY, NOVEMBER 19
11:30 A.M.

Located 5 miles West of Selinsgrove, Pa., on Route 32, on the west end of the Village of Freeburg.

REAL ESTATE
To be offered at 12:30 P.M.

50 Acre Farm on the outskirts of Freeburg; 40 Acres of good Farmland, 10 Acres of Woodland; Bank Barn and 10 x 30 silo. Good Stream flows through property. Recorded in Deed Book 92, pg. 173 & Deed Book 79, Pg. 251, Snyder Co.

Terms: $10,000 Down day of Sale, Balance within 30 days.

DAIRY HERD

Consisting of 53 Head of Grade Holsteins; 41 Mature Cows, 3 Bred Heifers, Bal Open Heifers. Several Bred for Fall, Balance in all stages of Lactation.

Certified & Accredited; Pregnancy Ck'd; A-1 Bred; Good Milky Cattle!

DAIRY EQUIPMENT, HAY, STRAW

Surge Unit, S.S. Pails; Feed Carts, Barn Fan; Usual Dairy Equipment; 20 Milk Cans; 400 Gal. Girton Bulk Tank; 28 Comfort Stalls still in Barn; 3 Delaval Magnetic Milker Units; Surge Alomo Pump with extra motor. Approx. 4000 Bales of Mixed Hay; 1500 Bales of Oats Straw.

Sale Order: Hay & Straw, Dairy Equip. 11:30. Real Estate 12:30; Dairy Herd 1:00.

Owners,
SEEBOLD BROS.
Freeburg, Pa.

Mark Glick & Art Kling,
Auctioneers

COMPLETE DAIRY HERD DISPERSAL
THURSDAY, NOVEMBER 12
11:00 A.M.

Located in Cumberland Co., 3 miles North of Newburg on Route 997, ½ mile East of Exit 15 (Blue Mtn.) of Pa. Turnpike:

55 HEAD HOLSTEINS 55
36 DAIRY COWS; 5 BRED HEIFERS; 9 OPEN HEIFERS; 5 STARTED CALVES - ALL TOP GRADES!

15 Cows have Been Fresh recently; 13 due October & November; Balance in Different Stages of Lactation.

Certified & Accredited
Owner's Production Records

This is a Top Herd of Grade Cows with is A-1 Sired and Bred; 22 Head are Presently Milking as 2 yr. olds.

Some of the Sires Represented are:

Hbg. Gay; Rocket; Ivanhoe Star; Proud Performer; Pietje Standout.

Also Selling. MVA Semen Tank and Approx. 150 Amp. of the following semen and others: Apollo Rocket; Pietje Standout; Hbg. Gay; Ivanhoe Jack; Proud Performer, Paclamar Capsule, Angus & Charolais; etc.

16 HEAD STEERS - Holstein & Angus Cross - 400-900 lbs.

Lunch Stand
Sale Held in Tent
Catalogs Day of Sale
Not Responsible For Accidents.

OWNERS
RICHARD & MARY GRACE GARDENER
Newburg, PA 717 423-6355

Sale Managed By:
Kling's Auction Service
Landisburg, Pa.
717 789-3883

BATAVIA FARM EQUIPMENT INC.
MACHINERY AUCTION
SATURDAY, NOVEMBER 14
10:00 A.M. - Batavia, New York

Sale to be held at Batavia Farm Equipment Inc. on Rt. 98, ½ mile north of NYS Thruway Exit 48 at Batavia, N.Y.
To reduce inventory will sell:

TRACTORS

Steiger ST 325 Series III less than 2000 hrs. Ex., Steiger Cougar II with duals, clean; Steiger Cougar II with duals, fair; IHC 1566 D overhauled; IHC 1466D with cab; IHC 1466D with duals; IHC 1066D hydro with cab; IHC 886D, 1123 hrs., IHC 856D; IHC 686D, 1613 hrs. 3 pt.; IHC 656 hydro; IHC 656d; IHC 2500D loader tractor, 950 hrs.; 4-IHC 706 gas; IHC 706D; IHC 2400 with loader; IHC 504; IHC 340, wide; 2 IHC 300, wide; IHC 300; IHC 240 with loader; IHC 100; 3 Farmall M; Farmall Super M; Farmall Super MD; 2 Farmall H, 1 wide; JD 4230D with cab; JD 5020D with duals; JD 4030D; JD 2640A, 900 hrs.; JD 3020 backhoe; JD 350 crawler loader; JD 50; Trojan 124 loader 4 WD with cab; Trojan 124 loader 4 WD; Trojan LC-100 loader with big bucket; 3 NH skid steer loaders, L778, L35, L35 with applet forks; Long 560 4WD with loader; AC 7040D with cab and duals; AC 7030D; AC 7000D; AC 200D; Ford 9700D, 1300 hrs. Ford 9600D full weights; Ford 4000; Ford 2000, 1667 hrs.; Ford 3000 C1023C; Ford 9N, new tires; Ford Dexta, D; White 2-70D; Oliver 1650D; Oliver 88; MF 1500D 4 wheel drive, very good; MF 1130D; MF50; MF30D with loader; MH 44; Ferguson TD-20; MH 222 wide; MH 33 wide; Case VAC.

COMBINES

NH TR 85 combine 4 WD, 1980 model, Demo, new guarantee; IHC 915; IHC 815; IHC 615; IHC 205; IHC 93; IHC 125; IHC 101; JD 95 with 4 row 434 corn head; 3 JD 55, 1 with cab, 1 EB; 18 ft. grain head for JD 7700; JD tracks for 95 or 6600 combine; Gleaner F with 4 row corn head; Ford 620 with 2 row corn head, cab, 10 ft. grain head; Ford 630 with 4 row corn head, cab, 14 ft. grain head; Oliver 535 with 3 row corn head, cab; MF 410 with 3 row wide corn head, cab.

SNAP BEAN EQUIPMENT

IHC 504 2 row Chis. Ryder bean picker; Ford 7600 with 4 row Pixall bean picker; Farmhand F94 dump hopper; Pixall dump hopper.

PLOWS

IHC 800 12 bottom trailer, auto reset; IHC 800 9B trailer, auto reset; IHC 700 9B trailer; IHC 710 6B on the land; IHC 710 5B on the land; IHC 710 7B on the land; IHC 700 6B in the furrow; IHC 700 7B trailer; IHC 700 4B auto reset; IHC 550 5B trip; IHC 2B 3 pt.; JD 3200 9B, like new; JD 145 5B trip; JD 2500 4B auto reset; Ford 2-5B, 4B, 6B, reset; Case 4B, auto reset; MF 6B trailer; Ford 3B, 3 pt.; IHC 1 bottom trailer plow.

NEW EQUIPMENT

NH 1038 bale wagon; NH 320 wire baler; NH 36 flail chopper; NH 256 rake; IHC 700 5B trailer plow, auto reset, with coverboards and HD coulters; Rock-O-Matic TM-2 stone windrower; Rock-O-Matic #57 stone picker; Krouse Model 1928 disc, demo.

OTHER EQUIPMENT

Wilson 40 ft. cattle trailer; 1979 IHC 4 wheel drive Scout, 48,000 miles, 2 tone grey; Scott blade; JD 1240 planter; Mayrath 6"x24' auger with engine; Mayrath 41 ft. auger; White 6 row narrow planter, liquid, Gandy's; IHC 375 windrower, cab, diesel, 2 heads, hydro, very good; IHC 201 windrower; Owatonna 28 windrower, parts; 2 IHC 175 windrower; Hesston 6400 self propelled 10 ft. windrower; JD 830-12 ft. self-propelled windrower; Case 9 ft. haybine; NH 404 hay conditioner; NH495 haybine, 1 yr. old; JD 12 ft. hydra-swing haybine; Owatonna 9 ft. haybine; NH 490 12 ft. haybine; Bush Hog 5 ft. rotary mower, new; IHC #200 sickle bar mower; Ford 6 ft. flail mower; JD 52 ft. elevator; 3 rakes; Fahr 4 centipede hay turner; Artsway forage box, repo.; Clover forage box; IHC 51 forage box; new, JD020 10T wagon EW; rotary snow blower; NI 1 row corn picker, for parts; Farmhand #850 grinder mixer; NI flail spreader; IHC 570 spreader; IHC 175 spreader; 20 ft. grain leg; Waldon 10 ft. dozer blade, new, fits, JD 8440, 8640; new Rope Wick 6RN weed killer; new 1MF one bottom 18 in. 3 pt. plow; 6 row Innes bean windrower; post hole digger 9 in. auger, needs gear box, like new; 3 tote boxes of used batteries; push type lawn mowers; misc. office equipment; file cabinets; adding machines; Burroughs L5000 bookkeeping machine, like new; chairs; shelving; shop tools; check writer.

BALERS AND BALE WAGONS

NH 270; NH 269; NH 273; NH 275; IHC 47T; IHC 47T; IHC 56 wire; 3 IHC bale throwers; 2 NH bale throwers; 2 NH 1005 bale wagons.

CHOPPERS

NH 890 with 2 row narrow corn head and hay pickup; 2 IHC 50 with 2 row corn heads; Case 1 row chopper.

GRAIN DRYERS

Tox-O-Wik 570; M/C 400 pto; M/C 600 electric; NH 735; M/C 350E, new.

USED TIRES AND RIMS (Reg. and Rice)

Size 30.5x32, 24.5x32, 23.1x34, 23.1x30, 28Lx26, 24Lx26, 18.4x26 Rice, new; 16.9x38, 16.9x34, 18.4x34, 18.4x38, 20.8x38, 10x24, 13.6x28 (new) Rims of all sizes, 24-26-28-30-32-34-38.

15 LOADER BUCKETS

Fit IHC Model 2000 loaders, NI, Bobcat, JD etc.

OLD ITEMS

NI horn corn hopper with wagon 6 in. steel wheels; IHC #2 corn binder; wood wheel wagon; IHC #4 1 row horse cultivator; IHC #27V mower; IHC #9 mower; IHC W9 tractor with belt pulley.

TILLAGE TOOLS

IHC 470 foldup disc 18 ft.; 2 IHC 480 23 ft. hyd. fold disc, harrows; IHC 760 11 ft. offset disc; JD 340 offset disc 12 ft.; MF 12 ft. offset disc; Miller 12 ft. offset disc; Miller 10 ft. offset disc; Oliver 12 ft. disc; Case offset disc; 21 ft. Brillion pulvi-mulcher; 12 ft. Dunham packer mulcher; IHC 12 ft. rotary hoe, 3 pt.; IHC 4 ft. rotary hoe; IHC 24 ft. drag; Glencoe 21 ft. field cult. with mulcher; IHC 45 Vibra shank, 16 ft. 3 pt.; 12 ft. drag, new; 12 ft. drag; 20 ft. carrier drag; 16 ft drags. GRAIN DRILLS: IHC 510 24x6 comb. drill; 2 IHC #10 8x7 drill; JD 17x7 drill; Ontario 16x8 drill.

List of machinery is subject to attendance and deletions.

TERMS: Cash or good check day of sale. Nothing to be removed until settled for.

Financing available: IHCC financing available by contacting Batavia Farm Equipment prior to sale. No financing charges on used balers, combines, planters, tillage equipment until March 1, 1982. 25% down payment required day of sale. Ph: 716-343-92634. OR JOHN WAGNER, Wyoming Co. Bank, Warsaw, NY 716-786-3131, at least 3 days prior to sale.

BATAVIA FARM EQUIPMENT INC.
OWNER
716-343-9263

Harris Wilcox, Inc.
SALE MGRS. & AUCTIONEERS
Bergen, N.Y. 716-494-1880

JUNIATA CO. PA. FARM & SMALL ACREAGE AT PUBLIC SALE
SATURDAY, NOVEMBER 28

Located approx. 56 mi. west of Harrisburg.

FARM - Stone dwelling, exc. cond., bank barn, 41 ac. cleared. Farm and adjoining 18 ac. offered separate and as one unit, total of 59 ac.

7 OTHER PARCELS - 3 to 19 ac., exc. for permanent home or weekend retreat, excellent hunting.

FOR BROCHURE CONTACT:
Long Bros., Aucts.
R.D. #2
Port Royal, Pa. 17082
Ph. 717-527-4784

PUBLIC AUCTION
VALUABLE FARM EQUIPMENT; HARVESTORE SILOS; HOUSEHOLD GOODS; TRUCKS; JEEP CHEROKEE
TUESDAY, NOVEMBER 10
at 10 A.M.

Go south from Kutztown on the (Noble St. Lyons Road) past Fire Co. Bldg., turn onto Koffee Lane to 1st farm, Berks Co., Pa.

Farmall 806 diesel tractor w/fast hitch; Farmall 560 diesel tractor w/fast hitch; Farmall 400 gas tractor w/fast hitch; Int. 574 gas, w/3 pt. hitch 675 hr. #1850; front end loader for same; (2) Farmall super C tractor w/fast hitch; Int. 715 corn & soybean special, diesel combine w/hydrostatic & #810 - 13' grain head, hume reel, & #844-four r C head all used only 4 yrs. on low acreage; Int. #700 six bot. auto reset on land; fast hitch pl.; Int. #480 20' dual wheel transport disc; Int. #37-11' transport disc; Int. #315 12' roller harrow; Int. #45-16' vibra shank field cult w/leveler; Int. 16-7 disc grain drill; Ontario 15-8 disc grain drill; Int. #56 four r C planter; Int. #440 all twine baler w/thrower; Int. #21-38' bale & C elev. w/hyd. lift control; MC #55 forage harveste. w/2 r C head & window pick up; MC #5 flail chopper w/auger & blower; Int. 201-12' s p windrower; Int. #14 rake; Int. #56 pto blower; MC pto or belt blower; (2) Grove four wheel dump trailers; (3) four wheel trailers w/bale sides; Electra four wheel dump trailer w/bunker feeding rack & bale sides; MC #61 power forage wagon w/roof; Century 300 gal. trailer type weed sprayer w/heavy duty fertilizer pump; Int. #1050 grinder mixer; Int. #570 tandem axle 2 beater pto manure spreader; N. Idea #14-3 beater pto manure spreader; 3 sec. fast hitch spike tooth harrow; fast hit rear blade; 3 pt. rear blade; Smoker 24' blade elev.; Cardinal 16' bale elev.; Advanced 18' portable feed conveyor; Int. C-21 fast hit 7' mower; Int. 6' carry all soil mover; 9' steel land roller; fast hitch 4 r cult.; 21' fast hitch harrow; (3) 300 gal. skid fuel tanks (2) w/elec. pumps; Bean #7100 elec. tire changer; Forney 250 amp elec. welder; approx. 20 tele. poles; cattle dehorner; (8) 4'-16" dia. concrete under ground pipes; scald trough, EnterPrize #32 meat grinder; lard press; ci kettles; (unsawed) walnut, cherry, oak & poplar logs; some hay & straw.

HARVESTORES

(2) 20'x60'; (1) 20'x30'; (2) Hercules unloader; (1) Goliath unloader; Harvestore 80' bunk feeding trough; Advanced 80' feed conveyor; **Terms on silos- 50% day of auction, bal. at time of take down, must be moved by Dec. 15, 1981. Silos sold approx. 12 Noon.**

TRUCKS

1966 Chev. #60 w/14' dump body, 21,000 lb. GVW; 1960 Int. B-160 w/14' cattle body w/partitions for 4 horse hauling; 1962 GMC 3/4 ton pickup 40,000 miles; 1979 Cherokee Chief-quad trac, 4 wheel drive, tilt wheel, pwr. brakes, pwr. str., air, loaded less than 10,000 miles, this one item only to be offered with reserve.

HOUSEHOLD GOODS - to be sold at 11 A.M.

Chest freezer; (Penn) green enamel kit. wood stove; Kenmore wood burning stove w/fan & thermostat; (2) sq. ext. tables; old white kit. cab.; trunk, wardrobe; wood or coal parlor heater; milk cans; 3 yr. old water softener; 15 lb. to $1.25 computer scale; hand rope hoist; A.O. Smith 52 gal. hw heater; Cadet #60 riding mower; plus many items too numerous to mention. REASON FOR SALE - Farm sold.

Terms - Cash or check. Refreshments served.

Ordered by,
IRVIN & MARIAN FINK

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084

FARMERSVILLE AUCTION

TUESDAY, NOVEMBER 10, 1981

5:30 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc Co., Pa.

ESTATE OUT OF ROTHSVILLE

Philco Harvest Gold Refrigerator; Solid State Color TV; mpale breakfast set, Early American love seat; platform rocker; step stool; 3pc. breakfast set; double box spring & mattress; Maple bed; maple chest of drawers; elec. sewing machine; Hoover upright sweeper; chest freezer; Maytag wringer washer; maple end tables; quilting frame; artificial fireplace; floor lamps; lots of unpacked box lots etc.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

GAP AUCTION

FRIDAY EVE., NOV. 13

5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.
OTHER DAYS BY APPOINTMENT

Call us for pick-up service

IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254

CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC ESTATE SALE

WEDNESDAY, NOVEMBER 11, 1981

STARTING TIME 8:30 A.M.

To be held at the residence of the late Emma S. Barner. Located 10 miles south of Selinsgrove and 2 miles west off Rt. 11-15 from the Mobil Gas Station and Dutch Kitchen Restaurant to Flanders Road for another 1 mile. Watch for sale signs.

SELLING 53 ACRE FARMETTE

Real Estate is located at above location in Chapman Township, Snyder Co. and recorded in Snyder Co. Courthouse in Deed Book 152, Page 80, Middleburg, Pa. and consists of approx. 23 acres tillable, balance in timber and pasture, having erected thereon a frame 6 room dwelling with electric, well water, bath, hand-fired coal or wood hot air furnace, sun porch, also 24 x 60 pole shed.

Terms set forth by Kenneth R. Barner, R.D. 1, Box 360, Port Trevorton and David L. Barner, R.D. 1, Box 43, Middleburg, Pa. are 10% down, possession and balance in 30 days. Real Estate to be sold at 1:00 p.m.

FARM MACHINERY — AUTOS

Super C Farmall Tractor; C Farmall Tractor; I-H No. 14 Mt. One Row Corn Picker; I-H 2-12 Mounted Plow; 16" 2 Way Plow for C Tractor; 3 Pt. Hitch for C Farmall; C Farmall 2 Row Cultivator; I-H 3 Section Harrow; 6 Ft. 3 Pt. Blade; J.D. Wagon w/Flat Bed, Wagon Gear; F20 Farmall; Titled 2 Wheel Trailer; 8 x 8 x 16 Truck Box; 2 Wheel Bag Cart; Claw Foot Cast Bath Tub.

1976 Ford Granada, 2 dr. Auto., Good; 1962 Chev 2; Junk Pile; Plus Miscellaneous Items.

LAWN & GARDEN

Troy Bilt 6 H.P. Rototiller; Sears Eager 1, 7 H.P. w/36" Mower Deck; Rotary Push Mower; Miscellaneous Lawn & Garden Tools.

ANTIQUES & COLLECTIBLES

Organ w/Top; Round Organ Stool; 3 pc. Bedroom Suite w/Hand Grained Inlay; 3 pc. Oak Bedroom Suite; 3 Oak Dressers w/Mirrors; Oak Library; Oak Extension Table; 2 Oak Pedestal Tables; Oak Chairs; 2 Treadle Sewing Machines; Jelly Cupboard; Stands; Desk and Chair; Clothes Tree; 2 pc. Waterfall Bedroom Suite; Trunks; Oak Vanity w/Dresser; Oak Music Cabinet; Floor Model Victrola; Table Model Victrola; Braided Rugs; Jewelry Chests; Straw Covered Chest; Doll Chair, Crib, Ironing Board, Folding Chair, China Doll Pin Cushion; Butterfly Quilt; Double T Quilt, China Doll w/Cloth Body; School Books; Quilt Patterns; Pencil Box; Old Games; Metal Change Keeper; Aladin Lamp; Coal Oil Lamps; Toy Anvil & Hammer; Dice Bottle; Elephant and Bear Banks; Miniature Stein, Ice Tong and Hoe; Baskets; Child & Dog Picture; Picture of Harrisburg R.R. Bridge; Underwood Typewriter in Wood Case; Canvas Child's Swing; Child's Mirror in Metal Standing Frame; Egg Basket and Scales; Child's Silverware; Squirrel Traps; Galvanized North Pole Ice Cream Freezer; Copper Kettle; Butter Churn; Lard Press; Wood High Chair; What Not Shelf; Small Stamp Collection; 16 pc. Tea Set, Service for 6; 92 pc. China Set; Pink Depression; Miscellaneous Glassware; Sail Boat Tumblers; German Cup and Saucer; Graniteware; Blue Glass Pitcher and Tumbler Set; Farm Scene in Frame; Sewing Box; Plus COINS, Double Head Penny Dated 1936 and 1941; 1953 Panamain Coin, 3 Head Statue Coin from India; Indian Head Pennies; Other Miscellaneous Coins.

HOUSEHOLD FURNISHINGS

Hotpoint Refrigerator w/Freezer; Hotpoint 30" Electric Stove; Kalamazoo Cook Range, Hotpoint 21 cu ft. Chest Type Freezer; Coldspot 15 cu. ft. Chest Type Freezer; Maytag Automatic Washer; Whirlpool Automatic Dryer; Maytag Wringer Washer; 3 Burner Oil Range; Riccar Sewing Machine; 12" Portable TV, Kelvinator Refrigerator w/Freezer; Dinette w/2 Chairs; Westinghouse Roaster w/Base, Electro Maid Cooker-Baker-Roaster; Blender; Electrolux Sweeper; Westinghouse Deep Well Cooker; Davenport; Davano Couch; Matching Upholstered Rockers; Pair Table Lamps, Step End Table and Coffee Table Set; 6 Folding Chairs; Round Coffee Table; What Not Stand; 2 Door Metal Cupboard; 2 Card Tables; Folding Table; 2 Door 2-Tone Cupboard; Metal Base Cabinet; 2 - 3 Tier Servers; Flower Stand; Stroller; Table w/4 Chairs; Metal High Chair; Folding Cot; Typewriter Stand; Metal Desk Chair; Electric Fans; R.C. Allen Adding Machine; Electric Broom; Shetland Shampooer; Picture of Christ w/Electric Light; Electric Blanket; Comforts; Pillows, Afghans; Crochet and Knitting Supplies, Stainless Steel Cookware; Club Aluminum Cookware; Sunbeam Food Mixer; Stainless Flatware; Cast Iron Fry Pans; Avon Bottles; Alarm Clocks; Corning Cookware; Electric Ice Crusher; Electric Charcoal Starter; Miscellaneous China, Glassware, Cookware; Canister Set, Tupperware; Electric Fry Pan; Meat Saw; Butcher Knives and Steel; 27 SHEETS 4 x 8 PANELLING: New Yard Goods; Picnic Chest, Several Pressure Cookers; Plus, Plus. HAND TOOLS; 4 ft Level; Screwdriver Sets; 3/8 and 1/2 in. Socket Sets; Electric Saber Saw; 3/8 Electric Drill; Torque Wrench; Adjustable Pliers; Vise Grips; Staple Gun, Plus a Variety of Tools

For Information or Inspection of Real Estate Call Phone Numbers Listed Below

TERMS: Cash LUNCH

Owners or Auctioneer not responsible in case of accidents.

ESTATE OF EMMA S. BARNER
AKA EMMA E. BARNER
Executors:
Kenneth R. Barner
R.D. 1, Port Trevorton, Pa.
David L. Barner
R.D. 1, Box 43, Middleburg, Pa.
837-0001 or 374-4062

Attorney, E. Terry Baldwin
Milton, Pa. - 742-8508
Auctioneers, Earl Eash
New Berlin, Pa. - 966-2569
Donald C. Fogle
Lewisburg, Pa. - 524-2580

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT NOV 14 2 P M Public Sale of 8 acre Farmette and Misc Household Goods Located along Rt 322, 2½ mi east of Blue Ball Amos Shirk, Owner Nevin Martin and Lewis Groff, Auctioneers

SAT NOV 14 - 10 A M Public Sale of Real Estate, Antiques, Household Goods, Tractor and Tools Located 421 W Donegal Spring Rd, Borough of Mount Joy, Lancaster Co PA Take Rt 141 south 2 blocks to E Donegal St on to W Donegal St to Donegal Spring Rd Sale by Maud H Rice Howard Shaub and Roy C Probst, Auctioneers

SAT NOV 14 9 A M Public Sale of Real Estate, Coins, Tools and Household Goods Located at 755 E Main St (along Rt 322) Ephrata Twp, PA Alfred Wolf Estate T Glenn and Timothy G Horst Auctioneers

SAT NOV 14 2 P M Public Sale of Real Estate Located on Broad St and Rt 74 in the Borough of Delta, York Co, PA Richard and Mary M Barninger, Owner Charles W and David W Shrodes, Auctioneers

SAT NOV 14 10 A M Public Sale of Shrubberies, Trees and Ferns Located in Village of Union Grove, 1 mi east of Terre Hill, Spring Grove Nurseries Nevin Martin and Lewis Groff, Auctioneers

SAT NOV 14 9 30 A M Public Sale of Antique and Classic Car Collection, Tools, Automotive Parts, Equipment, Horse Drawn Equipment, Household Items and Antiques Located along Old Gettysburg Pike adjacent to U Haul just off Rt 15 at Rossmoyne Exit Estate of Robert E Boshart Kerry A Pae, Auctioneers

SAT NOV 14 Complete liquidation of Happy Hill Farms Located 2 miles east of Delhi, NY on Rt 28 Happy Hill Farms, Owners Goodrich Auction Service

SAT NOV 14 - 12 Noon Public Sale of Cattle Located 4 mi east of South Gibson and Rt 92, 6 mi from Rt 706 at West Clifford, 3 mi north of Elk Mt Ski Tow, 6 mi from Exit 64, Lenox Exit of I 81 Thomas and Lois Salansky Owners M L Bunnell and Wayne Weaver, Auctioneers

SAT NOV 14 9 30 A M Auction for Mr & Mrs John W Arnold, including 5 acre feed mill property offered in 2 parcels or entirety, Household Items, Antiques/collectibles, vehicles and farm equipment, furniture and appliances Directions from Rte #322 at Thompsontown Exit, Turn North and follow road approximately 6 miles to Cocolamus John B Niesley, Broker-Auctioneer

MON NOV 16 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman owner

WED NOV 18 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co Pa Watch for sale signs F Snyder R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

WED NOV 18 12 Noon Public Sale of Real Estate, Farm Equipment, Hog Equipment, Hay and Straw Located along Furniss Rd RD 2 Drumore, Drumore Twp, Lancaster Co, PA Take Rt 272 south of Buck At Tanglewood Golf Course Sign turn right onto Silver Spring Rd Go about 4 mi to Furniss Rd and turn right to sale Sale by Mr and Mrs Wilbur C Huss Howard Shaub and Roy C Probst, Auctioneers

WED NOV 18 9 30 A M Public Sale of Inventory Located at 1525 West Henrietta Rd, Avon, NY (Rt 15), just north of the interseciton of Rts 5 and 20 on Rt 15 Avon, NY 20 mi straight south of Rochester off Rt 390 expressway Avon Ford Tractor Inc GJS Coyne, Auctioneer

WED NOV 18 11 A M Public Sale of Valuable Real Estate Located at Silver King Ranch, U S Rt #40 east of Perryville Cecil County, MD Estate of Rodeo Earl Smith Hunter's Sale Barn, Inc., Auctioneers

PUBLIC AUCTION

OF VALUABLE REAL ESTATE

WEDNESDAY, NOVEMBER 18, 1981

At 11:00 A.M.

At Silver King Ranch, U.S. Route No. 40 East of Perryville, Cecil County, Maryland.

ESTATE OF RODEO EARL SMITH

107 acres, more or less, of beautiful farm land, Zoned R-1, with over 4,000' on U.S. Route No. 40 East, and over 550' on Mill Creek Road, and also with 2 lots on Old Route No. 7 in addition, 6.25 acres on West side of U.S Route No. 40, with over 1800' on U S Route 40 North, adjacent to "Wilson Ford".

BEAT INFLATION - BUY REAL ESTATE - BEAUTIFUL HOME SITES - COMMERCIAL POTENTIAL - BEAUTIFUL VIEW OF THE CHESAPEAKE BAY

This property will be offered in 7 separate parcels first; then in combinations of parcels; then in its entirety, subject to final and immediate acceptances or rejections by Trustees (with right to accept or reject any and all bids) Percolation Approved. Minor Sub-division Approved.

Title will be good and merchantable as searched and certified by Chicago Title Insurance Company

Terms: Deposit of Cash, Certified, or Approved Check with Bank Reference on day of Auction; not less than $15,000.00 deposit on entire acreage purchased, or $5,000.00 deposit on each parcel purchased. Taxes prorated — Documentary stamps borne by Purchasers Settlement on or before 30 days from day of sale

Inspection Dates: On Wednesday, November 4th and on Wednesday, November 11th, from 12:00 Noon to 2:00 P.M. Or appointment through offices of Auctioneer. Phone: 301-658-6400 Plats available upon request.

Trustees for Estate of
RODEO EARL SMITH
Mr. Walter W. Wassmer
Mrs. Betty L. Buchanan
A. Freeborn Brown

Auctioned by:
HUNTER'S SALE BARN, INC.
Route 276
Rising Sun, Maryland 21911
Norman E. Hunter, Auctioneer
Phone: 301-658-6400

PUBLIC AUCTION

SAT. NOV. 14

Complete liquidation of Happy Hill Farms. 2 miles east of Delhi, NY on Route 28.

Complete line of potato harvesting, washing and sorting equipment including 5 tractors featuring LONG 910 DT 4WD w/260 hours.

Call or write Auction Company for complete listing. All items sell to highest bidder!

Owner,
HAPPY HILL FARMS

Sale managed by

GOODRICH AUCTION SERVICE

Rt. 38 and 38B
Newark Valley, NY 13811
607-642-8688

Public Sales Register

Closing Date - Monday, 5 00 P.M of each week's publication

THURS NOV 19 Mon thly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullen dore, Auctioneer

THURS NOV 19 Public Auction of Full Line of Farm Equipment Take Rt 272 North from Ephrata to Schoeneck Road, take Schoeneck Road to Schoeneck, turn right at Fire Hall to first farm on right Sale by John M and Lena H Nolt, John E and Paul E Mar tin, Auctioneers

THURS NOV 19 Public Sale of Real Estate, 50 acre farm, dairy herd, 53 nead Holsteins, Dairy Equipment, Hay and Straw Seebold Bros Owners, Freeburg, Snyder Co Glick and Kl ing Auctioneers

THURS NOV 19 1 P M Public Sale of Real Estate Located along Pumping Station Rd , R D 2, Quar ryville, Eden Twp , Lanc Co , PA (From Quarryville Take Rt 372 about 1½ mi east Turn right on to Pumping Station Rd or road leading to Kirkwood First farm on right Sale by John L and Evelyn M Kachel Howard Shaub and Roy C Probst, Auc tioneers

THURS NOV 19 1 P M Public Sale of Cattle Located at Rusjacres Farm, 3½ mi east of Maplehurst, (use Exit 28 off Rt 17 at Cuba OR Exit 29 at Maplehurst), 1½ mi west of Cuba, on Rt 446 Russ and Joan Giesey, Owners William Kent, Inc , Auctioneer

THURS NOV 19 10 A M Public Sale of Farm Equip ment, Lumber and Misc Items Located south of York New Salem, York Co , beyond Rutters Farm Store, turn left on Tunnel Hill Rd , follow Tunnel Hill Rd , 1 mi to lane on right Paul Lauer, Owner Blaine N Rentzel, Auctioneer

THURS NOV 19 - 10 A M Public Sale of Equipment, Machinery, Trucks, Fork Lift, Autos and Tools Located at 1145 Lincoln Hwy , Coatesville, Chester Co , PA From Rt 30 By-pass take Chester City Airport Exit, onto Bleeker Rd ½ mi to Linc Hwy (old Rt 30) turn left Mrs Chris D Stoltzfus Geyer Absolute Auction Co

FRI NOV 20 Landisburg, Perry Co , PA Annual Thanksgiving Dairy Cow Sale and Luncheon V Art Kling, Owner Glick Auct

FRI NOV 20 5 30 P M Gap Auction Anti ques and Household Goods sold at every auc tion Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI NOV 20 12 30 P M Public Sale of Cattle Located at 1015 Chaffee Curriers Rd , Arcade, NY, off Rt 78, 5 mi north of Arcade, 5 mi east of Rt 16 at Chaffee, 30 mi south of Buffalo Mr and Mrs David Herrington, Owners Victor Kent and Sons, Auctioneers

SAT NOV 21 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner.

SAT NOV 21 10 A M Public Sale of Farm Equip ment, Household Goods, Antiques and Guns Located along 322 3 miles east of Ephrata Marvin L and Susie L Habeger, Owners Lamar Z Sensenig and Paul W Horst, Auctioneer

SAT NOV 21 2 P M Public Sale of Real Estate (Fire Hall) Located along Church St in the Village of Bowmansville, Lanc Co , PA Bowmansville Fire Co Leroy S Horst and Glenn E Fulmer, Auc tioneers

SAT NOV 21 - 11 30 A M Public Sale of Tractors and Farm Equipment Located from Cross Keys, along Rt 30, take Rt 94 South 2/10 mile, first farm on right E Ray and Linda L Cornett, Owners Den nis J Plunkert, Auc tioneer

PUBLIC SALE

HOLSTEIN HEIFERS & FARM MACHINERY

Located 3 miles north of Waynesboro, 11 miles south of Chambersburg off Route 316 near Five Forks, Franklin County, Pa.

FRIDAY, NOVEMBER 27

Sale at 8:00 a.m.

HEIFER SALE

50 head of grade holstein heifers, 20 bred, some close springers, balance 9 months to breeding age. Individual health charts furnished.

FARM MACHINERY SALE

1972 Chev. 3/4 ton pickup with 16,000 miles on overhaul; '72 White dump truck with rebuilt 230 Cummins diesel engine and road ranger transmission; Case 1830 Uni. loader 200 hrs.; Trojan 304-4 wheel drive pay loader, 3 yd. scoop; MF 180 diesel tractor with wide front; MF 65 row crop gas tractor, overhauled; MF 65 gas utility tractor; NI Uni-System 702 diesel tractor 2500 hrs.; 710 combine with 13 ft. grain head, and 3 row narrow stripper head; 760 chopper with 2 R. wide and 3 R. narrow heads; 2-NH #8 Crop carrier silage wagons with 3 beaters and roofs 10T chassis; MF 260 chopper with 3 R head; White 5400 Plantaire planter 6-30 in. row with liquid fertilizer and herbicide used 2 seasons; NH 278 baler; 2-NH 850 round balers - 1 excellent; NH 469 haybine; NH 24 table silo blower with pipe; NH 790 Manure spreader with tail gate; NI 165 bu. spreader with new net; 9 T tri-axle Haulette Fayette trailer; 48 ft. Mayrath 6 in. transport grain auger; 16 ft. Utility elevator; King Wyse corn drag; J.D. 13-7 grain drill; Brady flail chopper; new wagon chassis with 18 ft. flat; wagon chassis; 8 T McCurdy wagon with Kill Bros. 300 gravity bin; Lely 3 pt. fertilizer spreader; Kelly 500 loader; IH mower; 22 tooth drag harrow; box for pickup to haul cattle; MH 30 tractor for parts; Echo 20 in bar chain saw; McCulloch 310 power mac- 16 in. bar; 1100 gal. poly fertilizer tank; new 300 gallon poly sprayer tank; 2-6 in by 10 ft. grain augers; 2 grain Aerators; large shop heater; Reddy heater; air compressor; Jenny hi-pressure washer; electric motors; 8 calf hutches; 10:00 x 20 truck tires; 8-14.5 low boy tires; mineral feeder; 20 and 24 ft. center fill silo goose necks; angle iron and flat steel; 8-35 ft. creosote poles; barn logs; log chain; new and used chain binders; 2 new cable jacks; AC garden tiller; Ariens 6 HP riding mower; misc. shop tools; new implement parts; wooden doors; porch posts. Also other articles too numerous to mention.

Approximately 2000 bales of hay (some top quality alfalfa); 1500 square bales of straw; 20 round bales of straw.

DANIEL R. & ESTHER C. PETRE

Auctioneer: Edgar J. Stull

Clerks: Martin and Martin

PUBLIC AUCTION

OF FARM EQUIPMENT

THURS., NOVEMBER 19, 1981

At 11:30 A.M.

Location: Take Route 272 North from Ephrata to Schoeneck Road, turn left onto Schoeneck Road to town of Schoeneck, in Schoeneck turn right onto Steinmetz Road to 2nd Farm on right. West Cocalico Township, Lancaster County, Pa.

Massey Ferguson 265 Diesel

with 2300 hours, W.F.E.; Multi-power, power wheels

Massey Ferguson 65

Massey Harris 44

NEW HOLLAND 353 GRINDER MIXER with 2 10-ft. Sections Discharge Augers, like new, NEW HOLLAND 467 HAYBINE; GEHL 600 HARVESTER with 2 year old 1-Row Low Profile Head and Screen; NEW HOLLAND 275 BALER with Model 53A Thrower, NEW IDEA 323 1-ROW CORNPICKER in excellent condition; INTERNATIONAL 450 3x16 AUTOMATIC RESET PLOW; New Holland 800 Harvester with 1-Row Corn Head; 2 New Holland No. 331 P.T.O. Manure Spreaders with Beaters and Silage Sides; WINPOWER 20 KW GENERATOR on Trailer PTO driven; New Idea No. 213 Triple Beater Webb Spreader; New Idea No. 207 Manure Spreader; Sauder FHV 20 Hydraulic Dump Loader with Ground Bucket and Snow Bucket; International No. 33 Hay Crusher; Massey Fersuson No. 32 3-pt. Mower; Massey Ferguson No. 220 3-pt. 2-Row Cultivator; Massey Ferguson No 66 2x16 Trip Plow; 2 16-ft. Flatbed Wagons with Hay Racks and Corn Racks with False Endgates; 2 Flatbed Wagons with Hay Racks; Sam Mulkey 30-ft. Elevator with Corn Drag; LITTLE GIANT CORN DRAY like new; John Deere AW Disc Harrow on Transport; John Deere Offset Disc Harrow; Massey Ferguson 39 2-Row Cornplanter with Insecticide App.; Brillion 9-ft. Cultipacker with 4 inch Axle; McCormick 13x7 Grain Drill; PTO Dump Trailer; Gehl 72 Flail Chopper; Massey Harris 3-point 6-Bar Side Rake; Massey Ferguson 3-point Rotary Hoe; Wagon Gear; 3 Section Spring Harrow; 13-ft. Land Drag; 3-point Box; P.T.O. Seeder; 2 Green Chop Feeding Wagons; Portable Cattle Loading Chute; 16-ft. Little Giant Skeleton Elevator; Heat Houser for M.F. 165.

5 TON ALFALFA HAY SECOND CUTTING
6 TON ALFALFA HAY FIRST CUTTING
5 TON MIXED HAY — 8 TON WHEAT STRAW

Dairy Equipment

Kesco Milk Mover complete with Dumping Station; Surge Alamo 60 plus Vaccum Pump used 2 seasons; 3 40-lb. Surge Milker Units; 1 50 lb. Surge Milker Unit; Strainer; S.S. Tubs; Drying Rack; Electric Pulsation Unit; Flygon 200 Fly Killer.

1958 Ford Pickup Truck

with Automatic Transmission; Handy 680 Power Washer; Platform Scales; Remington SL4 Chain Saw; Tractor Chains for MF 265 and 65; Wheelbarrow; 3 Feed Carts; 2 Fans with Motors; Hydraulic Cylinder; Log Chains; Scrap Iron; Jacks; ½" Drive Socket Set; Portable Air Tank; Air Grease Gun; Wheel Pullers; Misc. Farm Tools and Parts; Mower Guard Tool; Used Tractor Tires; Ladders; Treated Posts; Farm Gates; 1 Hole Corn Sheller; Wood Spoke Wheels; Unloading Winch; Potato Plow; Coal and Wood Stove; Electric Fencers; Tarps, Pickup Racks; Cast Iron Water Trough; Feed Chest; Forks; Shovels; Brooms; Maytag Wringer Washer; Black Plastic; 2 New Aluminum Shovels; and many other items.

Auction by
JOHN M. & LENA H. NOL
R.D. #1, Stevens, Pa.
215-267-6997

Auction Conducted by
John E. & Paul E. Martin
Auctioneers
717-733-3511 — 717-733-3305
Ephrata, Pa.

Food Stand by the
Lebanon Valley Christian Day School

SPECIAL SALE

FEEDER CATTLE & CALVES

FRIDAY, NOV. 13th

at 1:00 P.M.

Blue Ridge Livestock Sales, Inc.
Charlestown, W.V. 25414
Phone: 304-725-5021 (bus.)
304-725-5995 (home)

ALFRED WOLF ESTATE

PUBLIC SALE

OF REAL ESTATE, COINS TOOLS & HOUSEHOLD GOODS

Ephrata Twp.

SATURDAY, NOVEMBER 14

SALE TIME 9 A.M.

(Tools & Household Goods)
COINS 11:30 A.M. - ENB BANK
STOCKS 2:30 P.M. REAL ESTATE 2 P.M.
Located at 755 E. Main St. (Along Rt. 322) Ephrata Township, PA.

2 STORY CEMENT BLOCK COMMERCIAL BUILDING - 50'x71'

With Attached 2 Story 2 Car Garage Area 20'x28'

Lower level is a large open area. Upper level has open area, rest rooms & office area. Oil-fired hot water heat.

This building has many possibilities. Excellent for factory, store, storage, etc.

Large storage area above garage. Second floor poured concrete with steel reinforcement.

DWELLING - 1 STORY BLOCK

containing 2 bedrooms, full bath, large living room, kitchen with built-in cabinets, laundry & furnace area.

Oil-fired hot water heat.

Lot Size - 90 ft. frontage (more or less) by 260' depth (more or less).

OPEN HOUSES - Saturdays, Oct. 31 and Nov. 7 from 1:00-4:00 p.m. or for inspection or information call 733-1593.

COINS

43 GOLD COINS

38-$20 GOLD PCS. (Various Dates & Mint Marks); 3-$10 GOLD PCS.; 2-$5 GOLD PCS.

698 SILVER DOLLARS

Various Dates & Mint Marks

192 SILVER HALVES

Many Silver Quarter & Dimes; Indian Head & Wheat Pennies. COINS SALE TO BEGIN AT 11.30 A.M.

FOR A COPY OF THE COIN LIST PLEASE MAIL A STAMPED & SELF-ADDRESSED BUSINESS ENVELOPE TO: T. GLENN HORST, AUCT., 38 FAIRVIEW DRIVE, AKRON, PA. 17501.

100 SHARES OF EPHRATA NATIONAL BANK CAPITAL STOCK

TO BE SOLD AT 2:30 P.M.

HOUSEHOLD GOODS: Frigidaire Refrigerator with Lower Freezer; Whirlpool Automatic Washer; Westinghouse Dryer; 6 Pc. Mahogany Bedroom Suite (Pineapple Twin Beds); Oak Cottage Bureau; 2 Pc. Living Room Suite; 2 Upholstered Chairs; Formica Table; Metal Double Bed; Mahogany End Tables & Coffee Table; Bookshelves; Table Lamps; Pictures; Philco Portable TV; Philco Stereophonic Hi Fi; Electrolux Vacuum Cleaner; Remington Typewriter; Burroughs Adding Machine; Large Chest Type Freezer; Complete Set of Handy Man Encyclopedia; Fancy Work; Doilies; Towels; Sheets; Spread, etc ; Several Tea Pots; 2 Ft. Aluminum Step Ladder.

TOOLS & SMALL EQUIPMENT: Portable Tool Bench with Large Vise; ½" Elec. Drill; Pipe Threader; Misc. Tools, Motors & Shop Equipment; Misc. Garden Tools; Doors; Lots of Scrap Iron; Many Ft. Chain Link Fencing; Wooden Barrels; Power Mower & Reel Mower.

TERMS BY:
ALFRED WOLF ESTATE

T. Glenn Horst, Auct.
Timothy G. Horst, Auct.
859-1331
Eaby & Eaby, Atty.

SECOND ANNUAL
BERKS COUNTY CATTLEMENS ASSOCIATION

CLUB CALF & HEIFER SALE

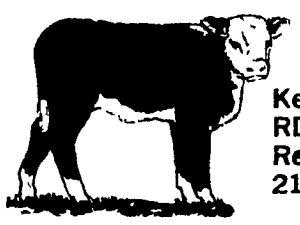
FRIDAY, NOVEMBER 13, 1981

Sale, 7:00 P.M.

Calf Inspection 5:00 - 7:00 P.M.

Leesport Market and Auction, Rt. 61, Between Reading & Hamburg.

Offering 40 head of excellent club and heifer calves.
** All calves dehorned & castrated.
** Calves weaned and on feed at least two weeks prior to sale.
** All calves sold individually by the head, weights will be announced.
** Consigners welcome.
** Excellent opportunity to purchase project club steers and heifers.



FOR MORE INFORMATION:

Ken Rarick
RD. #2 Box 810
Reading, Pa. 19605
215-926-4903

Clyde Myers
Berks Co. Ag. Center
Leesport, Pa. 19533
215-378-1327

PUBLIC SALE

REAL ESTATE (2½ Story Brick House & Frame Garage w/1 Acre of Land)

ANTIQUES, HOUSEHOLD GOODS, TRACTOR & TOOLS

SATURDAY, NOVEMBER 14, 1981

at 10:00

Located 421 W. Donegal Spring Rd., Borough of Mount Joy, Lancaster Co., Pa. Take Rt. 141 south 2 blocks to E. Donegal St. on to W. Donegal St. to Donegal Spring Rd. Property will be open for inspection Sat's., Oct. 24, 31 & Nov. 7 from 1 until 3.

Real Estate: 2½ story brick house w/8 rms. & full bath. 1 story frame 2 car garage & work shop, 1 story frame & utility shed. Lot size: 188' frontage by 200' depth About 1 acre of land more or less. Real Estate to be sold at 2:00.

Old Wurlitzer coin operated jukebox; Philco elec. stove; chest freezer; wringer washer; Singer harness treadle sewing mach. Lots of radios; clocks; Furniture in walnut, plank, oak, uph. & metal, mahg. Fine 1901 Knox adv. w/frame & other good pictures w/frames; deep oak, deep walnut, gilted & other frames. Oval reverse painting on glass; old magazines & books; old records; mandoline & guitar; #1218 American fluer train set; copper tea kettle & wash boiler; old brass store scales. Articles in iron, wood, tin, sterling, etc. Crockery; baskets kid's toys; fine leaded dome shade. Glassware & china in pressed, pink, grn. & yellow Depression, ironstone, Japanese etc. Planter's peanut jar; other glassware & china not listed. Kitchen articles; Ferguson tractor w/plow, cultiv., row market & front end loader; Planter Jr. garden tractor; rotary & reel mowers; hand, shop & garden tools; misc. hardware; firewood; bikes & other articles not listed. NOT RESPONSIBLE FOR ACCIDENTS DAY OF SALE. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by

MAUD H. RICE

Howard Shaub Auctioneer 464-3541
Roy C. Probst

PUBLIC SALE

OF 8 ACRE FARMETTE WITH ESTABLISHED ROADSIDE MARKET, EAR CORN, MISCELLANEOUS ITEMS

SATURDAY, NOVEMBER 14, 1981

2:00 P.M.

Located along Route 322, 2½ miles East of Blue Ball, East Earl Township, Lancaster County, Pa.

A certain tract of land consisting of

8 ACRE FARMETTE

with app. 290' road frntage. Erected thereon a:

2½ STORY STONE & FRAME DWELLING

with asbestos siding. FIRST FLOOR: Large kitchen with built-in cabinets, washbowl, inlaid linoleum. Family room with corner cupboard. Living room. Laundry. Open stairway. SECOND FLOOR: 5 bedrooms, 3 with closets. Attic storage. Basement with outside entrance, cold cellar. 2 never failing wells. Shade trees, shrubbery.

24'x32' TWO STORY CEMENT BLOCK AND FRAME BARN

with horse stable and one car garage. Small frame chicken house and storage shed attached to barn.

15'x21' CEMENT BLOCK ROADSIDE BUILDING

Large strawberry patch. App. 400 raspberry stalks, young grape arbor

NOTE: Buildings are in well-kept condition. A real family project opportunity. Owner moving out-of-state.

OPEN HOUSE: Saturdays, Oct. 31 and Nov. 7 from 9:00 A.M. to 4:00 P.M.

TEMRS: 10% down day of sale, 40% on January 15, 1982. Balance January 15, 1983, at 10% interest.

MISC. ITEMS

Warm Morning Coal Heater; 6' Two Shelf Walnut Showcase; Wooden Bell Tower; several Vinegar Barrels.

APP. 3 TON EAR CORN

Sale for

AMOS H. AND ANNIE S. SHIRK

Atty.: Linda Kling
Aucts.: Nevin Z. Martin, Lewis B. Groff
Not Responsible for Accidents

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT NOV 21 9 A M Public Sale of Antiques Located at the Kauffmans Ruritan Building, 3 miles north of Greencastle, Franklin Co , PA along the Brown s Mill Road 8 miles south of Chambersburg, on Route 11 turn east 1 mile at Cross Roads Dairy sign On 81 exit 3 miles north of Allison Street J Robert Meyers, Auctioneer

MON NOV 23 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman owner

TUES NOV 24 - 2 P M Public Sale of Valuable Real Estate Located at 211 East York Street, Biglerville, PA William D Wentzel, Owner C David Redding, Auctioneer

THURS NOV 26 9 30 A M Public Sale of Real Estate and Personal Property Located 1 mi south of Freysville, toward Windsor, along the Windsor and Freysville Rd Perry Young Estate Blaine N Rentzel, Auctioneer

THURS NOV 26 9 30 A M Public Sale of Real Estate and Personal Property Located 1 mi south of Freysville, toward Windsor, along the Windsor and Freysville Rd Perry Young Estate Blaine N Rentzel, Auctioneer

FRI NOV 27 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI NOV 27 8 A M Public Sale of Cattle and Farm Machinery Located 3 mi north of Waynesboro, 11 mi south of Chambersburg off Rt 316 near Five Forks Franklin Co, PA Daniel R and Esther C Petre, Owners Edgar J Stull, Auctioneer

SAT NOV 28 Public Sale of Farm and Small Acreage Located approx 56 mi west of Harrisburg, Juniata Co, PA Long Bros, Auctioneers 717-527 4784

MON NOV 30 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville,THURS JAN 7, 1 9 8 2 , 9 30 A M Dispersal of Holstein herd, hi grades & reg , horse drawn farm machinery, work horses Located 3 mi south of Strasburg Terms by Gideon B & Katie Stoltzfus Steve Petersheim, Auctioneer

DECEMBER

WED DEC 2 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

SPECIAL HEIFER SALE

Belleville Livestock Mkt.
Belleville, PA.

FRIDAY EVENING, NOV. 13

at 6:30 p.m.

200-300 Head Heifers

(Some registered)

Heifers all ages, springers, bred heifers and open heifers.

Consign your heifers to this sale. We need a good Pa. health chart, 30 day test preferred.

BELLEVILLE LIVESTOCK MKT., INC.
717-935-2146

PUBLIC SALE

OF 3½ ACRES, REAL ESTATE, TOOLS, EQUIPMENT & CAR

West Cocalico Township

MONDAY, NOV. 9, 1981

at 6 P.M.

Real Estate at 6:30 P.M.

located along Laurel Ridge Rd. (between Peartown Rd. & Whitehall Rd.) West Cocalico Township, Lancaster Co., Pa.

3½ ACRES (More or Less)

12' x 68' Mobile Home with 12' x 30' addition. Contains 3 bedrooms, full bath, Laundry room, large living room, kitchen & dining area and large family room with Jotul Woodburning Stove.

35' x 70' Block Truck garage. 3 overhead steel doors - 2-12x12 doors & 1-12x14 door. 2 steel walk-in doors.

1½ Car Block Garage Well & pressure system. This property is located in beautiful wooded area. Ideal for truck garage, storage, antiquing, etc. Be sure to inspect.

Open houses - Sundays - Oct. 25, Nov. 1 & Nov. 8 from 1 P.M. to 4 P.M. or for information or inspection call 733-3412 or 738-2754 (Ask for Elaine).

1954 Chevrolet - 4 Door Sedan (Good Shape)

Roper 10 h.p. Riding Tractor with mower deck, like new. Rotary power mowers.

TOOLS & EQUIPMENT:

Cummins Heavy duty drill press, 9 speed with motor; Sun Heavy duty drill press 12 speed & motor, 2 h.p. Cummins Industrial Grinder; Carolina Hydraulic Press (50 Ton Capacity), Carolina Lift Hoist (Model 1100), Carolina Pick-up lift hoist, Large welding table, Welding trestle tables, Large Bench Vise, Platform scales, Wood burning stove, Shop desk, Welding rods, Steel, channel & other iron. Roll of concrete reinforcement wire.

Misc. hand tools, Lg. wood barrel, Display case, Perfection kerosene heater, 26 cu. ft. chest type freezer.

GUNS & ETC.

Baker Batavia leader 12 ga. double barrel shotgun; Model 17 Remington 20 ga. pump shotgun; Model 1892 Winchester carbine, cal. 44/40; Winchester single shot 22 cal. model 67; Savage 410 single barrel shotgun; Pistols - German 32 auto., I.J. 32 hammerless; Remington pocket knife; Woolrich hunting coat size 46, other hunting jackets; WWI German bayonet; Fishing poles and gear; lead sinkers & box; Rifle ammo. 3006, 44/40; Gunstock (curly maple); 25 Remington ammo. boxes.

ANTIQUES & OTHER ITEMS

Large "Bronze" train bell; Compressor (small tape); Bench grinder and stand; Hammers and hatchets; Axe's, splitting maul, sledge; Single trees; Wood wheel barrow; Pot belly stove; Remington chain saw; Lg. iron kettle & stand; Wood barrel and tubs; Shaving stand (maple); lanterns.

Terms by

DONNIE W. MATHEWS
A. ELAINE MATHEWS

T. Glenn Horst, Auct.
Timothy G. Horst, Auct.
859-1331
Allison & Pyfer, Attys.
Laurence M. Thompson, Jr.

PUBLIC SALE

95 ACRE FARM

SATURDAY, NOVEMBER 7

1:00 P.M.

At Intersection of Rt. 15 and 54, west 1 mile on right (Lycoming County).

40 Acres plus farmed. Nice 3 bedroom house, 2 large 2 story chicken houses for 10,000 broilers, 230 ft. open shelter for 8,000 broilers, implement shed, corn barn, 2 story 24x36 work shop, garage, nice level woodland suitable for farming.

10% at sale. Owner will help finance.

Terms by

JOSEPH L. BEILER

Ken Welsh, Auctioneer
215-267-7963

PUBLIC AUCTION

SATURDAY, NOVEMBER 14, 1981

At 11:30 A.M.

Ringtown Valley, Union Township, Schuylkill County, Pa.; from RINGTOWN Borough take North Center Street go ½ mile, turn West on American Legion Road, cross Iron Bridge, turn right at first Macadam Road go to second farm.

52 ACRE FARM

Parcel No. 1

Approximately 22 ACRES Rolling and Pasture Land; nice FARM POND; Little Catawissa Creek, a Trout Stocked Stream, flows through the property in the area of the Southeastern Boundary; BANK BARN with NEW WOODEN SHEATHING, 3-BEDROOM DWELLING with Bath, Vinyl Siding. The buildings have been well maintained and are in good to excellent condition. Frontage on Paved Township Road 435.

Parcel No. 2

Approximately 30 ACRES LEVEL LAND in high state of cultivation 1107 Ft. Frontage on Township Road 797.

This farm will be offered as individual parcels and as an entirety. Inspect this property now and be prepared to buy according to your needs, either an individual parcel or the entire farm!

FOR INSPECTION CALL (717) 889-5807 after 5:00 P.M

TERMS: 10% down the day of sale, further terms and conditions to be announced when real estate is offered at 12 NOON.

FARM EQUIPMENT

Ford 4000 Gas Tractor with Model 772 Loader; Ford 4-Bottom Semi-mounted 14" Plow, Int. 130 PTO Manure Spreader; Int. 12' Harrow; 3-Pt. Vicon Finger Wheel Rake, 3-Pt. 7' New Holland 451 Mower; Int. 16' Flat Bed Wagon; John Deere 8' Disk, J.D. 13x7 Model F-B Grain Drill; Brillion Single Roll Cultipacker; J.D. 2-Bottom 2-Way Plow; Ontario 13 Disk Drill; Heat Houser & Chains for Ford Tractor, approx 150' 4" Perforated Drain Pipe; Barb Wire, Electric Fencers; Rols Hog Fencing; Fence Posts; Electric Motor, (2) Wooden Extension Ladders; 275 gal. Gas Tank w/Hand Pump; approx. 475 BALES HAY & 225 BALES STRAW.

1971 DODGE D-300 STAKE TRUCK

OTHER PERSONAL PROPERTY

Prizer Regal Kitchen Stove with Warming Closet, Chrome Trim, nice condition, Upright Piano & Bench; Jars, Bottles; Crocks; Wooden Barrels; Kitchen Cabinet; Bureau; Lot WEATHERED BARN BOARD SIDING: many other items not listed.

Owners

PETER A. BOYER and BARBARA L. BOYER

George & Mike
Auctioneers & Realtor
(717) 425-3313

DEIBERT

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

FRI DEC 4 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb Sales Manager, Robert Mullendore, Auctioneer

SAT DEC 5 9 30 A M Public Sale of Big Grain Farm Machinery Located in Phillipsburg, NJ Marie Litton, Owner Colonel Fred R Daniel, Auctioneer

SAT DEC 5 9 A M 4th Annual Year-end Auction by Farmersville Equipment Inc Located in Farmersville, PA John E and Paul E Martin, Auctioneers

SAT DEC 5 10 A M Public Sale of Grain Farm Machinery Located on Hensfoot Rd , off Rt 57, opposite Wickes Lumber Co Entrance, 1½ mi east of Phillispburg, NJ, Lopatcong Twp From Rt. 22 - 78 at circle take Rt 519 North to Hensfoot Rd by Hineline Meat Plant Marie K Litton, Owner Fred R Daniel Auctioneers, Inc

MON DEC 7 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED DEC 9 - Public Sale of Horse Drawn Farm Machinery, Cattle and Horses Located ½ mile south of Nickel Mines Emanuel and Annie Petersheim Steve Petersheim, Auctioneer

FRI DEC 11 5 30 P M Gap Auction. Antiques and Household Goods sold at every auction Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

MON DEC 14 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 14 - 9 30 A M Consignment Sale Located at S Race St., Myerstown, Pa 17067 Sale held by Wenger's Farm Machinery, Inc

WED DEC 16 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

THURS DEC 17 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SPECIAL HOLSTEIN ANNIVERSARY SALE

FRIDAY, NOVEMBER 13th
7:30 E.S.T.

To be held at Smoketown Quality Dairy Sales - Rt. 340, 5 miles East of Lancaster, 5 miles West of Intercourse.

Two Loads of fancy Reg. and Grade cows and heifers from farm dispersals out of New England States and Canada. Three Grade Heifers from one Herd - Two are Red & White Holsteins and one Black & White.
Grade Born 4-18-80 - Sire - Maple Lawn Cincinata Red. Bred to Clearview Charisma - Dam - Larry Moore Daugh. As 1st calf - 14,000m. 3.5T.
Grade - Born - 8-7-80 - Sire - Mr. Red - Dam R&W Holstein 12,400m. - 3.4T.
Grade - Born 10-26-80 - Sire Marlu Titian - Dam Larry Moore Daugh. as 1st calf 12,035 - 3.8T. - 2nd calf - 14,500m. 3.7T.
Reg. 3 yr. old - Sire Round Oak Rag Apple Elevation. Just fresh milking 55-60 lbs. easy make 15,000m. this year. 2 yr. record over 10,000m. 400F. Dam - Sire Romandale Dividend Performer. G.P. 83 pts. Top record 23,000m.
Fancy Identified Grade Holstein - Born 11-9-76 - Sire Marcove Skyho. Bred to Cavalier. +1603m +33F. Rpt. 87%. 319d, 18,244m. 637F. 344d - 20,455m. 624F.
Grade Fancy 1st calf heifer - sire Lime Rack Peter - Paul Astronaut Granddaughter. Just fresh - Dams record - 5 yr. 17,734m. 527F. 6 yr. 17,704m. 598F.
Reg. - Born - 2-18-77 - Walhowdon V-I Spartan. Not on test - Granddam - 85 pts. as 9 yr. 5 records over 21,000. Lifetime - 177,500m. 3.7T. 6499F.
Reg. - Howvale Majesty Julian - 305d - 14,980 - 4.1 - 612F - 305d. - 16,880m. - 3.8 - 641F. Dam - Mayleanne Queen Cherry Twin - from 6 yr.-9 yr. 14,300 to 18,550m. Avg. 3.9T up to 732F. Next Dam records never under 15,690m.
Reg. - Born - 11-22-74 - Sire - Wolfecreek Royalist Marquis - Bred to Adventure. 3 yr. 10m. - 284d. - 12,000m. - 4.3T.
Reg. - Born - 11-14-75 - Sire - Near - Hayden Doric Appeal.
Reg. - Born - 11-28-76 - Nunesdale Double O - Bred to Limestone Standout Strephon.
Reg. 4 yr. Emperior Blossom Acres Diamond G.P. 82 pt. - Due to Astro Chief.
Reg. 4 yr. Paclamar Master.
Reg. 4 yr. Dragonway Regenacy - Bred to Busy Acre Lindsay.
Reg. 3 yr. Cobble Farms Kilian.
Reg. 3 yr. - Sinking Springs Per Sterling.
Reg. 4 yr. Broc - By - Kingpin Dora Elite - Bred to Marlu Titian
Reg Born - 11-01-76 - Sire Dutch-Croft Fury Lad.
Reg. Born - 1-11-79 - Lime Hollow Burkgov Excellence.
Could be some Reg. Heifer Calf's by time of sale.
Special Mention - Ten fancy Grade 2nd calf heifers out of one Herd - our Pick - 3 - Fresh, 7 - springing, could milk 60-80 lbs. 1 show Heifer.
Reg. Holstein Bull - Born - 6-30-80 - Harrisburg Gay Ideal. Dam 84 pts. - 7 yrs. Records - 2 yr. - 8 yrs. - 15,440m. to over 22,000m. to 726F. Granddam records over 20,000m. 669F.
Reg Holstein Bull - Born - 6-4-80 - Harrisburg Gay Ideal 81 pts. - 5 yr. Dams records 14,460m. to 20,260m. 3.6-4.0T. up to 736F. Granddam 14,570m. to 19,450m. 3.6T - 3.9T - 759F.

HOLSTEIN BREEDERS IF YOU WANT FOUNDATION COWS AND BULLS TO BUILD YOUR HERD - DON'T MISS THIS SALE.

Also selling the following semen at the beginning of the Sale:

- 120 Units of Whittier Farms Apollo Rocket
  +2125M + 45F
  13846 dam ave. 18,541 - 3 47 - 644
- 100 Units of Cuma Proud Performer
  +849M + 23F
  2955 dam ave. 16,761 - 3.61 - 605
- 20 Units of Diamond S Pietje Standout
  +986M + 8F
  Dam ave. 17425 - 3.48 - 606
- 40 Unit of Lawcrest Marvex
  +972M + 36F
  Dam ave. 17529 - 3.69 - 646
- 60 Units of Ajay Elevation Champ Sultan
  +498M + 2F
  Dam ave. 15738 - 3.6 - 559
- 40 Units Reu-Hel Farm Apollo Soyuz
  +869 + 26F
  Dam ave. 16732 - 3.6 - 601
- 40 Units Cal-Clark Apollo
  +717 + 10
  Dam ave. 16954 - 3.6 - 606

Semen Buyers, don't miss this. It is for sale

Cows milked at regular time.
Cash or good check night of sale.

Sale by,
GORDON & HELEN FRITZ
717-393-0930

Carl Diller, Paul Snyder - Auctioneers
Henry Kettering - Pedigrees
Lunch-Bird-in-Hand Auxiliary

Good's Auction

111 North Maple Ave.
Leola, PA

Hay, Straw & Grain Sales
Every Wednesday
12:00 Noon

Farm Machinery
First and Third Wednesday
January thru November
starting at 9:00
With 6 Auctioneers

Tools and Hardware
Lawn & Garden Equipment
12:00 Noon
Farm Machinery - 12:30

No out of state checks
No household Goods, no clothing.
No poultry Equipment or scrap tin.

DAVID H. GOOD & SONS
RD 1 Leola, PA 17540
717-656-9558

DISPERSAL AUCTION

FARM MACHINERY, TOOLS, PICKUP TRUCK, TRUCK, STRAW & EAR CORN
Of The Late Roy H. Trout
SAT., NOVEMBER 14, 1981
at 9:00 A.M. Sharp

Located approx. 2 miles north of Stewartstown, off Rt. 24 turning at Greer Chevrolet, along the road to Cross Roads in York Co., Pa.

Farm Machinery & Tools

Ford 5000 tractor w/WFE & fully equipped, only 1450 hrs.; Ford 801 Power master, very nice cond.,; N.I. #23 1 row corn picker, like new; Int. #45 pickup baler; Hesston PT-7 haybine; J.D. 3 pt. hook 2 row corn planter; N.I. 12A manure spreader; Oliver 13 disc grain drill; J.D. hay tedder; Oliver 3 pt. 3-16" plow; J.D. 10 ft. transport disc; 12 ft. cultipacker; 10 ft. chisel harrow; 3 pt. hook weeder; 3 sets of Ford & Ferguson cultivators; Ford 7 ft. sickle bar mower; Ford rotary mower; Century 3 pt. hook weed sprayer w/fiber glass tank; King-Wyse drag elevator; Cardinal alum. elevator; Singer Ideal bale elevator; Sauder manure loader & snow bucket; N.H. 10 ft. lime & fertilizer drill; roto-beater; 3 flat bed rubber tire wagons w/hyd. dumps; Grove 7 ft. rear blade; 3 pt. hook circular wood saw; 3 pt. crane; Ferguson 3 pt. hay rake; tractor seeder; platform scales; 2 hole corn sheller; wheel barrow; air compressor; bench vise; drill press; hand tools of every description; 3 wagon loads of misc. sm. farm items; Gibson roto-tiller; chicken feeders, fountains, nests & egg baskets; hog feeder & troughs; 2-gas brooder stoves; 10 chicken coops; J.D. chain saw; kettle furnace & kettle; meat grinder; crocks; dipper & fork; many many items not mentioned.

1968 Chevrolet 20 pickup truck in very good condition, 74,000 miles & cattle racks.

Approx. 10 tons of old ear corn; approx. 10 tons of new ear corn; 10 tons of wheat straw.

Terms: cash or approved check.

Owner
MRS. PAULINE B. TROUT
Robert L. Sechrist, auctioneer
Ph. 717-382-4379
Anderson & Warner, clerks

Not responsible for accidents
Refreshment rights reserved

PUBLIC SALE

48 ACRES — VALUABLE REAL ESTATE — 48 ACRES
MANY ANTIQUES, 1951 CHEVROLET AUTO,
HOUSEHOLD FURNITURE, ETC.
SATURDAY, NOVEMBER 14, 1981
AT 10 00 A.M

Due to health the undersigned will have public sale at the site of the real estate situated along the Bentz Mill Road in the Village of Krailtown PA Take route #194 about midway between Dillsburg and East Berlin then turn East 3¼ miles onto Creek Road or Route #74 north of York PA and continue thru Rossville Wellsville to Krailtown in Washington Twp York County PA

2:00 P.M.---REAL ESTATE---2:00 P.M.
(Auto to follow)

All that lot of ground consisting of a 48 Acre farm more or less lying and being in Washington Twp York Co PA fronting along Bentz Mill Road Improved with a 2½ story frame dwelling covered with gray insulated siding having kitchen dining room living room a large 1 story attached summer kitchen and open front porch on the first floor and 4 rooms and closets on the second floor Home has a storage attic cemented basement with conveniences including electricity hot and cold running water Out buildings consist of a 48 X56 frame barn a 25 x42 cement block machine shed with corn crib and cement floor a 28 X31 frame 3 car garage and corn crib a 15 x34 frame pig pen and corn crib All the out buildings have excellent metal roofs
NOTE This entire acreage less buildings and 5 acres of pasture is fine tillable soil with unlimited potential and should capture the interest of anyone desiring a nice farm and home Appointment to inspect this farm and home can be obtained by calling the power of attorney at 717 764 3779
TERMS 10% when stricken down with balance on or before 60 days Other terms and conditions to be announced time of sale

ANTIQUES

Nice large walnut 6 leg dropleaf table Nice crock and bucket bench Dry sink 2 lid wood box dovetailed 2 Nice pine blanket chests dovetailed 1 a childs Childs decorated captains rocker Dough box dovetailed Fine wicker rocker Doll cradle Unusual oak engraved platform rocker Very nice 3 pc oak bedroom suite with carvings Cottage dresser and bedstead Oak bedstead Oak round top extension table with 3 boards Oak square top extension table Oak side board Nice set of 6 press back solid seat chairs Cane rocker Press back rocker 10 cane seat chairs some press back Oak stand Nice large copper kettle dovetailed Stirrer Plank seat chairs Empire bureau Larken hall mirror Cowden cuspidor Washbowl and pitcher Picture frames 3 Barn lanterns Treadle sewing machine Nice buggy robe with deers Quilts Horse shoeing box and tools Wood ½ bushel 1 to 10 gallon stone crocks Wicker shield jug Oil heater Set of smoothing irons 4 85 lb milk cans Meat bench Wood wheelbarrow Rayo oil lamp Stem oil lamp Many pattern and pressed glass dishes Orange and dark carnival Depression glass goblets Ironstone china ware Slaw board Woodware Feed chest Table flatware Old silver coins E Ingraham steeple shelf clock nice butter churn bowl paddle and mold wooden tub

CAR

1951 Chevrolet 2 door sedan in running order and well cared for

MODERN FURNITURE, ETC.

2 Refrigerators IH 21 cu ft chest freezer Speed Queen Wringer washer 5 pc chrome breakfast set 3 pc living room suite Nice comb coal wood & gas range Simmons bed Mattresses Oil space heater Meat grinder Eureka sweeper A 1 Elec lamps Floor fan Elec cream separator Bedding cookware Table flatware Dishes Mty canning jars Nice ceramic cookstove Ladies seal fur coat Corn sheller with motor Cement wheelbarrow Wizard wheelbarrow Farm & garden tools 4 iron hog troughs York kettle furnace and many items too numerous to mention Not responsible for accidents on premises Lunch stand rights reserved

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Public Sales Register

Closing Date - Monday, 5 00 P M.
of each week's publication

SAT DEC 19 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 21 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 28 - 2 P.M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA. Melvin M Lehman, owner.

TUES DEC 29 - 11 A.M. Real Estate at 1 p m Sale of 12 Acre Farm, Lumber and Misc. Building Items Located along Spring Hollow Road midway between Terre Hill and Churchtown PA Sale by Paul and Verna Sauder Nevin Martin and Lewis Groff, Auctioneers

JANUARY

THURS JAN 7, 1982, 9 30 A M. Dispersal of Holstein herd, hi grades & reg , horse drawn farm machinery, work horses Located 3 mi south of Strasburg Terms by Gideon B & Katie Stoltzfus Steve Petersheim, Auctioneer

APRIL

SAT APRIL 24 - 16th Colonial Charolais Spring Sale, at the Farmers Livestock Exchange, Winchester, VA. Sponsored by the Colonial Charolais Assoc Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

JUNE

SAT. JUNE 12 - 1982 Colonial Invitational Sale hosted by Brattan Charolais Farm, McVeytown, PA and sponsored by the Colonial Charolais Association Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

NOTICE
To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

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PUBLIC AUCTION
At White Wing Poultry Farm
THURSDAY, NOV. 12
10 A.M.
On Route 309 at Trainers' Rest. turn West onto Rt. 663, at Citgo Station turn Right onto Old Bethlehem Pike for 2 mi. then West onto Rosedale Rd. for 1 mi. Watch for signs.
1959 Chev. Dump good cond., 1942 GMC K53 flatbed, snow plow, '67 Chev. 4 dr. Impala, Clark elec. fork lifts, Lewis Shepard fork lift, 2-12 T feed bins, Sprout Waldron grain Cl., Big Dutchman chicken feeders, 2 Stanamatic self-propelled cage feeders, egg cooler, egg racks, PVC tubing for water systems, 100's egg washer trays, wooden, plastic & wire cages, crates, conveyors: grain, coal, & manure, plow, manure spreader, Indus. Equip: Blue print mach., 48 x 48 fans, Kohler generator #30R82 3 phase 25-30 Kilowatts 120/208 Volt, GI blower, elec. heaters, pallet racks, Elec. motors 3 phase 5 hp., 3 hp., 1 hp., 7/8 hp., ¼ hp., Windows & screens, used lumber, 20 boxes ceiling lights, fiberglass shower stalls, toilets, urinal, wash sinks, sheets of plexiglass, elec. boxes, rain barrels, paper & cardboard hand baler, new 220 volt 2 burner hot plate, packing supplies, many other interesting items.
Conditions Cash or approved check.
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2 P.M.
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2nd Saturday each month
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We are now listing Spring Sales.

Congratulations

To Tom Sheaffer of Carlisle, PA. Tom purchased our recently named Grand Champion 4E 92 Pt. Gaydale-Nelson Matt Vicky. With "Vickys" type, production, depth of pedigree & popular bloodline we're proud to share with Tom that on Thursday, October 29 "Vicky" scored 93 PTS!!

We would like to thank all the buyers & dairymen in attendance at the show & sale Wednesday, October 28.

We would also like to personally thank our barn crew for the outstanding job of fitting the cattle. The many good comments sale day about how well the cows were prepared supported our satisfaction.

Dennis Kolb is at the halter of Gaydale-Nelson Matt Vicky. Owned by Melvin Kolb, Lancaster, the 5-year-old 4E 92 Holstein later sold for $8,000 to M. Thomas Sheaffer, Carlisle. Lancaster County Dairy Princess Alternate Robin Balmer displays the champion's awards.

Please stop by & check this week's arrival of fresh purebred & grade cows showing lots of milk potential, tall, stylish grade & purebred springers & dairy calves - both grade & purebred.

DAY MONTHLY COW SALE AT LANCASTER 1st FRIDAY DECEMBER 4 AT 11:00 A.M. SALE

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DAY MONTHLY COW SALE AT MARYLAND 3rd. THURSDAY NOVEMBER 19 NOON SALE

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High energy is a requirement for high milk production. But it's only one requirement. It can't do the job by itself.

For a cow to maintain high production, she must have a milking ration that is not only high in energy, but also has an exact balance of proteins, minerals, and vitamins. If her ration does not contain the proper balance of these nutrients, high energy won't make up for it.

In fact, a ration high in energy but with an imbalance of nutrients can mean lower production over the long run. It can even cause health problems.

The answer? A balanced milk ration. A ration with high levels of energy, and nutrients in the proper balance.

Purina® milking rations: Balanced for consistently high production.

Purina's high energy milking rations are balanced to give top-level production, lactation after lactation. This balance is no accident. The energy and nutrient levels of these feeds are the result of extensive Purina research and ingredient analysis. And the result for you is more milk.

Purina milking rations. High energy feeds that are helping dairymen across the country make more milk and more money. They can help you, too. And that's a fact. Call or stop by today.

Purina High Octane® Cow Chow 36

Top milk production, lactation after lactation, depends on a balanced high-energy ration. Purina High Octane 36 delivers that high-energy without sacrificing the essential balance of vitamins and minerals.

Balanced, high-nutrient levels for maximum milk production

Purina research has found a way to provide high energy levels without sacrificing other essential nutrients.

It comes from an in-depth knowledge of what your cows need. And tough quality control standards that demand top-quality ingredients.

As an added bonus, your cows develop and keep good body condition. You should see fewer health problems. And, strong cows keep milking at top potential year after year.

If you're a concentrate user, ask your Purina dealer about High Octane® 36.

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